

=> file caplus, medline, wpids, uspatfull

=> s "8-hydroxyquinoline" or "8-quinolinol" or "oxine"

L1 30482 "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"

=> s "zinc" or "zinc chloride"

L2 1068368 "ZINC" OR "ZINC CHLORIDE"

=> s "lecithin" or "DMSO"

L3 228422 "LECITHIN" OR "DMSO"

=> s "nordihydroguaiaretic acid"

L4 182 "NORDIHYDROGUIARETIC ACID"

=> s "ascorbic acid"

L5 184326 "ASCORBIC ACID"

=> s l1 and l2

L6 6329 L1 AND L2

=> s l6 and lesion

L7 96 L6 AND LESION

=> s l7 and l4

L8 6 L7 AND L4

=> d l8 1-6 ibib, abs

L8 ANSWER 1 OF 6 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN

ACCESSION NUMBER: 1999-494210 [41] WPIDS

DOC. NO. CPI: C1999-144826 [41]

TITLE: Composition used for treating cancerous lesions, precancerous lesions, cysts and warts

DERWENT CLASS: A96; B02

INVENTOR: HANSON C C; JORDAN R T; POTEISTIO F S

PATENT ASSIGNEE: (DERM-N) DERMEX PHARM LLC; (HANS-I) HANSON C C; (JORD-I) JORDAN R T; (POTE-I) POTEISTIO F S; (CHEM-N) CHEMOCENTRYX INC

COUNTRY COUNT: 83

PATENT INFO ABBR.:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
WO 9939721	A1	19990812	(199941)*	EN	33	[1]
AU 9925956	A	19990823	(200005)	EN		
EP 1052999	A1	20001122	(200061)	EN		
US 6476014	B1	20021105	(200276)	EN		
AU 755521	B	20021212	(200305)	EN		
NZ 506367	A	20030328	(200325)	EN		
US 20030113381	A1	20030619	(200341)	EN		
US 20030114484	A1	20030619	(200341)	EN		
US 20040092496	A1	20040513	(200432)	EN		
US 6774124	B2	20040810	(200453)	EN		
US 7060696	B2	20060613	(200639)	EN		
US 20060204592	A1	20060914	(200661)	EN		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
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WO 9939721 A1	WO 1999-US2817 19990210
US 6476014 B1 CIP of	US 1998-21421 19980210
US 20030113381 A1 Div Ex	US 1998-21421 19980210
US 20030114484 A1 Div Ex	US 1998-21421 19980210
US 20040092496 A1	US 1998-21421 19980210
US 6774124 B2 CIP of	US 1998-21421 19980210
US 7060696 B2 CIP of	US 1998-21421 19980210
AU 9925956 A	AU 1999-25956 19990210
AU 755521 B	AU 1999-25956 19990210
EP 1052999 A1	EP 1999-905911 19990210
NZ 506367 A	NZ 1999-506367 19990210
US 7060696 B2 Div Ex	US 1999-601304 19990210
EP 1052999 A1	WO 1999-US2817 19990210
US 6476014 B1	WO 1999-US2817 19990210
NZ 506367 A	WO 1999-US2817 19990210
US 20030113381 A1 Div Ex	WO 1999-US2817 19990210
US 20030114484 A1 Div Ex	WO 1999-US2817 19990210
US 6774124 B2 Div Ex	WO 1999-US2817 19990210
US 7060696 B2 Div Ex	WO 1999-US2817 19990210
US 6476014 B1	US 2001-601304 20010102
US 20030113381 A1 Div Ex	US 2001-601304 20010102
US 20030114484 A1 Div Ex	US 2001-601304 20010102
US 6774124 B2 Div Ex	US 2001-601304 20010102
US 20030113381 A1	US 2002-247161 20020918
US 7060696 B2	US 2002-247161 20020918
US 20030114484 A1	US 2002-247526 20020918
US 6774124 B2	US 2002-247526 20020918
US 20060204592 A1 CIP of	US 1998-21421 19980210
US 20060204592 A1 Div Ex	WO 1999-US2817 19990210
US 20060204592 A1 Div Ex	US 2001-601304 20010102
US 20060204592 A1 Div Ex	US 2002-247161 20020918
US 20060204592 A1	US 2006-434613 20060516

FILING DETAILS:

PATENT NO	KIND		PATENT NO	
AU 755521	B	Previous Publ	AU 9925956	A
US 20030113381	A1	Div ex	US 6476014	B
US 20030114484	A1	Div ex	US 6476014	B
US 6774124	B2	Div ex	US 6476014	B
US 7060696	B2	Div ex	US 6476014	B
AU 9925956	A	Based on	WO 9939721	A
EP 1052999	A1	Based on	WO 9939721	A
US 6476014	B1	Based on	WO 9939721	A
AU 755521	B	Based on	WO 9939721	A
NZ 506367	A	Based on	WO 9939721	A
US 20060204592	A1	Div ex	US 6476014	B
US 20060204592	A1	Div ex	US 7060696	B

PRIORITY APPLN. INFO: US 1998-21421 19980210
 WO 1999-US2817 19990210
 US 1999-601304 19990210
 US 2001-601304 20010102
 US 2002-247161 20020918
 US 2002-247526 20020918
 US 2006-434613 20060516

AN 1999-494210 [41] WPIDS
 AB WO 1999039721 A1 UPAB: 20050522

NOVELTY - Composition comprises 8-hydroxyquinoline (8HQ), a metal chelating agent and a carrier.

ACTIVITY - Anticancer; Cytotoxic; Dermatological.

MECHANISM OF ACTION - None given.

USE - Used for treating epithelial lesions comprising cancerous lesions, precancerous lesions, cysts and warts (claimed). The composition has selective toxicity on human lung cancer, breast cancer and melanoma. The composition has selective toxicity against venereal warts, male veruca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis and Kaposi's sarcoma. In veterinary applications, the composition has a 100% therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, sebaceous adenoma, dermal lesions including acanthosis nigricans, acne, acral lick dermatitis, allergic reactions, calcinosis circumscripta, calcinosis cutis, cutaneous asthenia, deep mycotic infection, demodicosis, acute and chronic dermatitis, dermatomycosis, eosinophilic granuloma complex, epidermal cysts, hypothyroidism, ichthyosis, insect bites, lentigo, nodular penniculitis, pemphigus, canine scabies and thallium toxicosis.

A solutions of the composition is used to treat veterinary tumors including basal cell tumors, fibroma, fibrosarcoma, granuloma, hemangioma, hemangiopericytoma, histiocytoma, intracutaneous cornifying epithelioma, lipoma, lymphosarcoma, mast cell tumor, melanoma, papilloma, periana adenoma, reticulum cell sarcoma, sebaceous gland tumor, squamous cell carcinoma, sweat gland (apocrine) tumor and transmissible venereal tumor. Injectable forms of the solution are used to counteract the effects of bites from the brown recluse spider, which can have disfiguring and painful consequences if left untreated.

ADVANTAGE - One topical application is required, and the tissue forming the lesion turns black and necrotic after 2-4 weeks. The dead tissue is peeled away, and the wound site heals to completion after another 3-4 weeks. When large lesions are similarly removed, there is typically no scarring and hair follicles are restored to full function. The composition has a greater cytotoxic effect upon the abnormal cells because abnormal cells absorb it in a greater concentration.

The composition has selective toxicity.

Member(0003)

ABEQ EP 1052999 A1 UPAB 20050522

NOVELTY - Composition comprises 8-hydroxyquinoline (8HQ), a metal chelating agent and a carrier.

ACTIVITY - Anticancer; Cytotoxic; Dermatological.

MECHANISM OF ACTION - None given.

USE - Used for treating epithelial lesions comprising cancerous lesions, precancerous lesions, cysts and warts (claimed). The composition has selective toxicity on human lung cancer, breast cancer and melanoma. The composition has selective toxicity against venereal warts, male veruca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis and Kaposi's sarcoma. In veterinary applications, the composition has a 100% therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, sebaceous adenoma, dermal lesions including acanthosis nigricans, acne, acral lick dermatitis, allergic reactions, calcinosis circumscripta, calcinosis cutis, cutaneous asthenia, deep mycotic infection, demodicosis, acute and chronic dermatitis, dermatomycosis, eosinophilic granuloma complex, epidermal cysts, hypothyroidism, ichthyosis, insect bites, lentigo, nodular penniculitis, pemphigus, canine scabies and thallium toxicosis.

A solutions of the composition is used to treat veterinary tumors including basal cell tumors, fibroma, fibrosarcoma, granuloma, hemangioma,

hemangiopericytoma, histiocytoma, intracutaneous cornifying epithelioma, lipoma, lymphosarcoma, mast cell tumor, melanoma, papilloma, periana adenoma, reticulum cell sarcoma, sebaceous gland tumor, squamous cell carcinoma, sweat gland (apocrine) tumor and transmissible venereal tumor. Injectable forms of the solution are used to counteract the effects of bites from the brown recluse spider, which can have disfiguring and painful consequences if left untreated.

ADVANTAGE - One topical application is required, and the tissue forming the lesion turns black and necrotic after 2-4 weeks. The dead tissue is peeled away, and the wound site heals to completion after another 3-4 weeks. When large lesions are similarly removed, there is typically no scarring and hair follicles are restored to full function. The composition has a greater cytotoxic effect upon the abnormal cells because abnormal cells absorb it in a greater concentration.

The composition has selective toxicity.

L8 ANSWER 2 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2006:240147 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline and use thereof in a method of treating epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
Hanson, Carl C., Parker, CO, UNITED STATES
Potestio, Frank S., Parker, CO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006204592	A1	20060914
APPLICATION INFO.:	US 2006-434613	A1	20060516 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-247161, filed on 18 Sep 2002, GRANTED, Pat. No. US 7060696 Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999 Continuation-in-part of Ser. No. US 1998-21421, filed on 10 Feb 1998, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301, US		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	884		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier demonstrates therapeutic efficacy in treating lesions including cancerous lesions, precancerous lesions, cysts and warts.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 3 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2004:121080 USPATFULL Full-text
TITLE: CHELATED 8-HYDROXYQUINOLINE AND USE THEREOF IN A METHOD OF TREATING EPITHELIAL LESIONS
INVENTOR(S): JORDAN, RUSSEL T., FORT COLLINS, CO, UNITED STATES
HANSON, CARL C., PARKER, CO, UNITED STATES
POTESTIO, FRANK S., PARKER, CO, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2004092496 A1 20040513
 APPLICATION INFO.: US 1998-21421 A1 19980210 (9)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300,
 BOULDER, CO, 80301
 NUMBER OF CLAIMS: 33
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 1 Drawing Page(s)
 LINE COUNT: 701

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect. The zinc oxinate compositions are shown to be therapeutically effective against The therapeutic composition demonstrates selective toxicity with a therapeutic index of one-hundred percent on human lung cancer, breast cancer, melanoma, venereal warts, male veruoca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis, and Kaposi's sarcoma. In veterinary applications where dogs, cats, and horses are the patients, the composition shows a one-hundred percent therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, and sebaceous adenoma.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:166626 USPATFULL Full-text
 TITLE: Chelated 8-hydroxyquinoline and use thereof in a method of treating epithelial lesions
 INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
 Hanson, Carl C., Parker, CO, UNITED STATES
 Potestio, Frank S., Parker, CO, UNITED STATES
 PATENT ASSIGNEE(S): Chemocentryx Inc. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003114484	A1	20030619
	US 6774124	B2	20040810
APPLICATION INFO.:	US 2002-247526	A1	20020918 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999, PENDING A 371 of International Ser. No. US 1998-21421, filed on 10 Feb 1998, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	850		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier is effective in treating the bite of the brown recluse spider.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:165527 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline and use
thereof in a method of treating epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
Hanson, Carl C., Parker, CO, UNITED STATES
Potestio, Frank S., Parker, CO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003113381	A1	20030619
	US 7060696	B2	20060613
APPLICATION INFO.:	US 2002-247161	A1	20020918 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999, PENDING A 371 of International Ser. No. US 1998-21421, filed on 10 Feb 1998, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	942		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier demonstrates therapeutic efficacy in treating lesions including cancerous lesions, precancerous lesions, cysts and warts.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2002:290927 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline for the
treatment of epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, United States
Hanson, Carl C., Parker, CO, United States
Potestio, Frank S., Parker, CO, United States
PATENT ASSIGNEE(S): Dermex Pharmaceuticals, LLC, Fort Collins, CO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6476014	B1	20021105
	WO 9939721		19990812
APPLICATION INFO.:	US 2001-601304		20010102 (9)
	WO 1999-US2817		19990210
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-21421, filed on 10 Feb 1998, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Jarvis, William R. A.		
ASSISTANT EXAMINER:	Kim, Vickie		
LEGAL REPRESENTATIVE:	Lathrop & Gage L.C.		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		

NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)

LINE COUNT: 879

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect, wherein said epithelial lesions selected from the group consisting of cancerous lesions, precancerous lesions, cysts and warts; and permitting said composition to destroy said lesion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:23:20 ON 23 OCT 2006)

FILE 'CAPLUS, MEDLINE, WPIDS, USPATFULL' ENTERED AT 12:23:42 ON 23 OCT 2006

L1 30482 S "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"
L2 1068368 S "ZINC" OR "ZINC CHLORIDE"
L3 228422 S "LECITHIN" OR "DMSO"
L4 182 S "NORDIHYDROGUARETIC ACID"
L5 184326 S "ASCORBIC ACID"
L6 6329 S L1 AND L2
L7 96 S L6 AND LESION
L8 6 S L7 AND L4

=> s 16 and 14

L9 6 L6 AND L4

=> d 19 1-6 ibib, abs

L9 ANSWER 1 OF 6 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN
ACCESSION NUMBER: 1999-494210 [41] WPIDS
DOC. NO. CPI: C1999-144826 [41]
TITLE: Composition used for treating cancerous lesions, precancerous lesions, cysts and warts
DERWENT CLASS: A96; B02
INVENTOR: HANSON C C; JORDAN R T; POTESIO F S
PATENT ASSIGNEE: (DERM-N) DERMEX PHARM LLC; (HANS-I) HANSON C C; (JORD-I) JORDAN R T; (POTE-I) POTESIO F S; (CHEM-N) CHEMOCENTRIX INC
COUNTRY COUNT: 83

PATENT INFO ABBR.:

PATENT NO	KIND DATE	WEEK	LA	PG	MAIN IPC
WO 9939721	A1 19990812	(199941)*	EN	33	[1]
AU 9925956	A 19990823	(200005)	EN		
EP 1052999	A1 20001122	(200061)	EN		
US 6476014	B1 20021105	(200276)	EN		
AU 755521	B 20021212	(200305)	EN		
NZ 506367	A 20030328	(200325)	EN		
US 20030113381	A1 20030619	(200341)	EN		
US 20030114484	A1 20030619	(200341)	EN		
US 20040092496	A1 20040513	(200432)	EN		
US 6774124	B2 20040810	(200453)	EN		
US 7060696	B2 20060613	(200639)	EN		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9939721	A1	WO 1999-US2817	19990210
US 6476014	B1 CIP of	US 1998-21421	19980210
US 20030113381	A1 Div Ex	US 1998-21421	19980210
US 20030114484	A1 Div Ex	US 1998-21421	19980210
US 20040092496	A1	US 1998-21421	19980210
US 6774124	B2 CIP of	US 1998-21421	19980210
US 7060696	B2 CIP of	US 1998-21421	19980210
AU 9925956	A	AU 1999-25956	19990210
AU 755521	B	AU 1999-25956	19990210
EP 1052999	A1	EP 1999-905911	19990210
NZ 506367	A	NZ 1999-506367	19990210
US 7060696	B2 Div Ex	US 1999-601304	19990210
EP 1052999	A1	WO 1999-US2817	19990210
US 6476014	B1	WO 1999-US2817	19990210
NZ 506367	A	WO 1999-US2817	19990210
US 20030113381	A1 Div Ex	WO 1999-US2817	19990210
US 20030114484	A1 Div Ex	WO 1999-US2817	19990210
US 6774124	B2 Div Ex	WO 1999-US2817	19990210
US 7060696	B2 Div Ex	WO 1999-US2817	19990210
US 6476014	B1	US 2001-601304	20010102
US 20030113381	A1 Div Ex	US 2001-601304	20010102
US 20030114484	A1 Div Ex	US 2001-601304	20010102
US 6774124	B2 Div Ex	US 2001-601304	20010102
US 20030113381	A1	US 2002-247161	20020918
US 7060696	B2	US 2002-247161	20020918
US 20030114484	A1	US 2002-247526	20020918
US 6774124	B2	US 2002-247526	20020918
US 20060204592	A1 CIP of	US 1998-21421	19980210
US 20060204592	A1 Div Ex	WO 1999-US2817	19990210
US 20060204592	A1 Div Ex	US 2001-601304	20010102
US 20060204592	A1 Div Ex	US 2002-247161	20020918
US 20060204592	A1	US 2006-434613	20060516

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 755521	B Previous Publ	AU 9925956 A
US 20030113381	A1 Div ex	US 6476014 B
US 20030114484	A1 Div ex	US 6476014 B
US 6774124	B2 Div ex	US 6476014 B
US 7060696	B2 Div ex	US 6476014 B
AU 9925956	A Based on	WO 9939721 A
EP 1052999	A1 Based on	WO 9939721 A
US 6476014	B1 Based on	WO 9939721 A
AU 755521	B Based on	WO 9939721 A
NZ 506367	A Based on	WO 9939721 A
US 20060204592	A1 Div ex	US 6476014 B
US 20060204592	A1 Div ex	US 7060696 B

PRIORITY APPLN. INFO:	US 1998-21421	19980210
	WO 1999-US2817	19990210
	US 1999-601304	19990210
	US 2001-601304	20010102

US 2002-247161 20020918
US 2002-247526 20020918
US 2006-434613 20060516

AN 1999-494210 [41] WPIDS

AB WO 1999039721 A1 UPAB: 20050522

NOVELTY - Composition comprises 8-hydroxyquinoline (8HQ), a metal chelating agent and a carrier.

ACTIVITY - Anticancer; Cytotoxic; Dermatological.

MECHANISM OF ACTION - None given.

USE - Used for treating epithelial lesions comprising cancerous lesions, precancerous lesions, cysts and warts (claimed). The composition has selective toxicity on human lung cancer, breast cancer and melanoma. The composition has selective toxicity against venereal warts, male veruca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis and Kaposi's sarcoma. In veterinary applications, the composition has a 100% therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, sebaceous adenoma, dermal lesions including acanthosis nigricans, acne, acral lick dermatitis, allergic reactions, calcinosis circumscripta, calcinosis cutis, cutaneous asthenia, deep mycotic infection, demodicosis, acute and chronic dermatitis, dermatomycosis, eosinophilic granuloma complex, epidermal cysts, hypothyroidism, ichthyosis, insect bites, lentigo, nodular penniculitis, pemphigus, canine scabies and thallium toxicosis.

A solutions of the composition is used to treat veterinary tumors including basal cell tumors, fibroma, fibrosarcoma, granuloma, hemangioma, hemangiopericytoma, histiocytoma, intracutaneous cornifying epithelioma, lipoma, lymphosarcoma, mast cell tumor, melanoma, papilloma, periana adenoma, reticulum cell sarcoma, sebaceous gland tumor, squamous cell carcinoma, sweat gland (apocrine) tumor and transmissible venereal tumor. Injectable forms of the solution are used to counteract the effects of bites from the brown recluse spider, which can have disfiguring and painful consequences if left untreated.

ADVANTAGE - One topical application is required, and the tissue forming the lesion turns black and necrotic after 2-4 weeks. The dead tissue is peeled away, and the wound site heals to completion after another 3-4 weeks. When large lesions are similarly removed, there is typically no scarring and hair follicles are restored to full function. The composition has a greater cytotoxic effect upon the abnormal cells because abnormal cells absorb it in a greater concentration.

The composition has selective toxicity.

Member(0003)

ABEQ EP 1052999 A1 UPAB 20050522

NOVELTY - Composition comprises 8-hydroxyquinoline (8HQ), a metal chelating agent and a carrier.

ACTIVITY - Anticancer; Cytotoxic; Dermatological.

MECHANISM OF ACTION - None given.

USE - Used for treating epithelial lesions comprising cancerous lesions, precancerous lesions, cysts and warts (claimed). The composition has selective toxicity on human lung cancer, breast cancer and melanoma. The composition has selective toxicity against venereal warts, male veruca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis and Kaposi's sarcoma. In veterinary applications, the composition has a 100% therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, sebaceous adenoma, dermal lesions including acanthosis nigricans, acne, acral lick dermatitis, allergic reactions, calcinosis circumscripta, calcinosis cutis, cutaneous asthenia, deep mycotic infection, demodicosis, acute and chronic dermatitis, dermatomycosis,

eosinophilic granuloma complex, epidermal cysts, hypothyroidism, ichthyosis, insect bites, lentigo, nodular penniculitis, pemphigus, canine scabies and thallium toxicosis.

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The composition has selective toxicity.

L9 ANSWER 2 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2006:240147 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline and use
thereof in a method of treating epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
Hanson, Carl C., Parker, CO, UNITED STATES
Potestio, Frank S., Parker, CO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006204592	A1	20060914
APPLICATION INFO.:	US 2006-434613	A1	20060516 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-247161, filed on 18 Sep 2002, GRANTED, Pat. No. US 7060696 Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999 Continuation-in-part of Ser. No. US 1998-21421, filed on 10 Feb 1998, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301, US		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	884		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier demonstrates therapeutic efficacy in treating lesions including cancerous lesions, precancerous lesions, cysts and warts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2004:121080 USPATFULL Full-text
TITLE: CHELATED 8-HYDROXYQUINOLINE AND USE
THEREOF IN A METHOD OF TREATING EPITHELIAL LESIONS

INVENTOR(S): JORDAN, RUSSEL T., FORT COLLINS, CO, UNITED STATES
HANSON, CARL C., PARKER, CO, UNITED STATES
POTESTIO, FRANK S., PARKER, CO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004092496	A1	20040513
APPLICATION INFO.:	US 1998-21421	A1	19980210 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301		
NUMBER OF CLAIMS:	33		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	701		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect. The zinc oxinate compositions are shown to be therapeutically effective against The therapeutic composition demonstrates selective toxicity with a therapeutic index of one-hundred percent on human lung cancer, breast cancer, melanoma, venereal warts, male veruoca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis, and Kaposi's sarcoma. In veterinary applications where dogs, cats, and horses are the patients, the composition shows a one-hundred percent therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, and sebaceous adenoma.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:166626 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline and use thereof in a method of treating epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
Hanson, Carl C., Parker, CO, UNITED STATES
Potestio, Frank S., Parker, CO, UNITED STATES
PATENT ASSIGNEE(S): Chemocentryx Inc. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003114484	A1	20030619
	US 6774124	B2	20040810
APPLICATION INFO.:	US 2002-247526	A1	20020918 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999, PENDING A 371 of International Ser. No. US 1998-21421, filed on 10 Feb 1998, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	850		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier is effective in treating the bite of the brown recluse spider.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:165527 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline and use thereof in a method of treating epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
Hanson, Carl C., Parker, CO, UNITED STATES
Potestio, Frank S., Parker, CO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003113381	A1	20030619
	US 7060696	B2	20060613
APPLICATION INFO.:	US 2002-247161	A1	20020918 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999, PENDING A 371 of International Ser. No. US 1998-21421, filed on 10 Feb 1998, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	942		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier demonstrates therapeutic efficacy in treating lesions including cancerous lesions, precancerous lesions, cysts and warts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2002:290927 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline for the treatment of epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, United States
Hanson, Carl C., Parker, CO, United States
Potestio, Frank S., Parker, CO, United States
PATENT ASSIGNEE(S): Dermex Pharmaceuticals, LLC, Fort Collins, CO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6476014	B1	20021105
	WO 9939721		19990812
APPLICATION INFO.:	US 2001-601304		20010102 (9)
	WO 1999-US2817		19990210
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-21421, filed on 10 Feb 1998, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		

PRIMARY EXAMINER: Jarvis, William R. A.
ASSISTANT EXAMINER: Kim, Vickie
LEGAL REPRESENTATIVE: Lathrop & Gage L.C.
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 879
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect, wherein said epithelial lesions selected from the group consisting of cancerous lesions, precancerous lesions, cysts and warts; and permitting said composition to destroy said lesion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:23:20 ON 23 OCT 2006)

FILE 'CAPLUS, MEDLINE, WPIDS, USPATFULL' ENTERED AT 12:23:42 ON 23 OCT 2006

L1 30482 S "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"
L2 1068368 S "ZINC" OR "ZINC CHLORIDE"
L3 228422 S "LECITHIN" OR "DMSO"
L4 182 S "NORDIHYDROGUIARETIC ACID"
L5 184326 S "ASCORBIC ACID"
L6 6329 S L1 AND L2
L7 96 S L6 AND LESION
L8 6 S L7 AND L4
L9 6 S L6 AND L4

=> s "antioxidant"

L10 244277 "ANTIOXIDANT"

=> s l6 and l10

L11 267 L6 AND L10

=> s l11 not py>1998

L12 61 L11 NOT PY>1998

=> s l12 and composition

L13 54 L12 AND COMPOSITION

=> d l13 1-10 ibib, abs

L13 ANSWER 1 OF 54 USPATFULL on STN

ACCESSION NUMBER: 1998:138450 USPATFULL Full-text

TITLE: Topical compositions for regulating the oily/shiny appearance of skin

INVENTOR(S): Biedermann, Kimberly Ann, Cincinnati, OH, United States
Bissett, Donald Lynn, Hamilton, OH, United States
Deckner, George Endel, Cincinnati, OH, United States

PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5833998 19981110
APPLICATION INFO.: US 1995-554067 19951106 (8)
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Venkat, Jyothsna
LEGAL REPRESENTATIVE: Henderson, Loretta J., Allen, George W., Suter, David
L.
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
LINE COUNT: 1057

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are topical compositions for regulating the oily and/or shiny appearance of skin. The compositions contain:

(a) an active for regulating the oily and/or shiny appearance of skin, said active consisting essentially of one or more compounds selected from the group consisting of niacinamide, pyridoxine, panthenol, and pantothenic acid, in an amount that is safe and effective for regulating the oily and/or shiny appearance of the skin; and

(b) a cosmetically acceptable carrier for said active. Also disclosed are methods of regulating the oily and/or shiny appearance of skin by topical application of such compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 2 OF 54 USPATFULL on STN

ACCESSION NUMBER: 1998:124561 USPATFULL Full-text
TITLE: Compositions for visually improving skin
INVENTOR(S): Bissett, Donald Lynn, Hamilton, OH, United States
Kasting, Gerald Bruce, Wyoming, OH, United States
Powers, Kay Lesley, Lawrenceburg, IN, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5821237		19981013
APPLICATION INFO.:	US 1995-552140		19951211 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-480632, filed on 7 Jun 1995, now patented, Pat. No. US 5681852		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Spivack, Phyllis G.		
LEGAL REPRESENTATIVE:	Henderson, Loretta J., Allen, George W., Suter, David L.		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1631		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention relates to compositions which are useful for improving the visual appearance of skin, especially facial skin. The composition contains certain primary actives including at least one cyclic polyanionic polyols at least one sulfhydryl compound and at least one zwitterionic surfactant. The subject invention further relates to methods of improving the visual appearance of skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 3 OF 54 USPATFULL on STN

ACCESSION NUMBER: 1998:78747 USPATFULL Full-text
TITLE: Pharmaceuticals compositions containing gellants in the
form of alkyl amides of di-and tri-carboxylic acids
INVENTOR(S): Guskey, Gerald John, Montgomery, OH, United States
Lo, Raymond Joseph, Cincinnati, OH, United States
Swaile, David Frederick, Cincinnati, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5776494		19980707
APPLICATION INFO.:	US 1996-771101		19961220 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Webman, Edward J.		
LEGAL REPRESENTATIVE:	Rosnell, Tara M., Little, Darryl C.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1240		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pharmaceutical compositions useful as carriers for topical skin actives such as moisturizers, protectants, antiperspirants, deodorants and the like; and more particularly, to such pharmaceutical compositions in the form of a gel or gel stick.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 4 OF 54 USPATFULL on STN

ACCESSION NUMBER: 1998:45238 USPATFULL Full-text
TITLE: Diguanamines and preparation process, derivatives and
use thereof
INVENTOR(S): Oishi, Tetsuya, Kanagawa-ken, Japan
Suzuki, Jin, Tokyo, Japan
Ohkawa, Kouhei, Kanagawa-ken, Japan
Furusawa, Satoshi, Chiba-ken, Japan
Ono, Hiroshi, Osaka, Japan
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Tokyo, Japan (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5744504		19980428
APPLICATION INFO.:	US 1997-801130		19970214 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-619084, filed on 21 Mar 1996, now patented, Pat. No. US 5646240 which is a division of Ser. No. US 1995-414011, filed on 30 Mar 1995, now patented, Pat. No. US 5648446 which is a division of Ser. No. US 1994-201391, filed on 24 Feb 1994, now patented, Pat. No. US 5596039 which is a continuation-in-part of Ser. No. US 1994-186550, filed on 26 Jan 1994, now abandoned which is a continuation of Ser. No. US 1993-983855, filed on 2 Mar 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1993-35199	19930224
	JP 1993-35200	19930224
	JP 1993-43048	19930303
	JP 1993-51775	19930312
	JP 1993-35198	19930414
	JP 1993-87499	19930414
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Acquah, Samuel A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	6469	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided by the present invention are novel diguanamine derivatives, led by 2,5/2,6-bis(4,6-diamino-1,3,5-triazin-2-yl)-bicyclo[2.2.1]heptanes and 1,3/1,4-bis(4,6-diamino-1,3,5-triazin-2-yl)-cyclohexanes, and derivatives thereof, applications of these compounds in fields such as adhesives and paints, utilization of these compounds in flame-retarding, thermal stabilization and compatibilization methods of resins, thermosetting molding compositions and thermosetting expansion-molding compositions making use of these compounds, as well as polymeric microspheres also using these compounds. These compounds are expected to find wide spread industrial utility as various excellent properties can be obtained by using them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 5 OF 54 USPATFULL on STN

ACCESSION NUMBER:	97:117867 USPATFULL <u>Full-text</u>
TITLE:	Photosensitive relief printing plate and photosensitive intaglio printing plate
INVENTOR(S):	Fujikawa, Junichi, Kyoto, Japan Kinashi, Takao, Ohtsu, Japan Kashio, Shigetora, Kohga-gun, Japan Yokoyama, Yasuko, Ohtsu, Japan
PATENT ASSIGNEE(S):	Toray Industries, Incorporated, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5698373		19971216
APPLICATION INFO.:	US 1994-284903		19940802 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-15259, filed on 8 Feb 1993, now abandoned which is a continuation of Ser. No. US 1991-716531, filed on 17 Jun 1991, now abandoned which is a continuation-in-part of Ser. No. US 1989-410252, filed on 21 Sep 1989, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1988-238151	19880922
	JP 1989-85182	19890403
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Rodee, Christopher D.	
LEGAL REPRESENTATIVE:	Scully, Scott, Murphy & Presser	

NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 667

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a photosensitive relief or intaglio printing plate comprising a base and a photocurable photosensitive layer formed on the base, the photocurable photosensitive layer containing a dye precursor which forms a dye upon irradiation of actinic light. A relief (convex) pattern or a concave pattern can be recognized by coloring, thereby facilitating the printing plate inspecting work. The developing solution used is not colored or contaminated.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 54 USPATFULL on STN

ACCESSION NUMBER: 97:104564 USPATFULL Full-text
TITLE: Process for the preparation of lactic acid-based polyester
INVENTOR(S): Kakizawa, Yasutoshi, Chiba, Japan
PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Tokyo, Japan
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5686540		19971111
APPLICATION INFO.:	US 1996-722599		19960927 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-252263	19950929
	JP 1995-262832	19951011
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Acquah, Samuel A.	
LEGAL REPRESENTATIVE:	Armstrong, Westerman, Hattori, McLeland & Naughton	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1708	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a process for the preparation of a biodegradable lactic acid-based polyester composition excellent in thermal stability, storage stability, flexibility, heat resistance, mechanical and physical properties and moldability which comprises kneading a lactic acid-based polyester and a polyester consisting of dicarboxylic acid component(s) and diol component(s) with a chelating agent, an acidic phosphoric acid ester, a molecular weight increasing agent, etc., and then devolatilizing the kneaded mixture. The present invention also provides a molding process of the foregoing lactic acid-based polyester composition. A novel process for the preparation of a lactic acid-based polyester composition is provided, which comprises melt-kneading a lactic acid-based polyester (A), a polyester (B) consisting of dicarboxylic acid component(s) and diol component(s) and a chelating agent and/or acidic phosphoric acid ester (C) in an amount such that the weight ratio (A)/(B is from 99/1 to 10/90 and the proportion of (C) is 0.001 to 5 parts by weight based on 100 parts by weight of the sum of (A) and (B). A novel process for molding a lactic acid-based polyester composition is also provided, which comprises kneading a lactic acid-based polyester (A) and a polyester (B) consisting of dicarboxylic acid component(s) and diol component(s) with a chelating agent and/or acidic phosphoric acid ester (C), and then molding the material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 7 OF 54 USPATFULL on STN

ACCESSION NUMBER: 97:70725 USPATFULL Full-text
TITLE: Water-in-oil-in-water compositions
INVENTOR(S): Herb, Craig A., Chicago, IL, United States
Chen, Liang Bin, Hoffman Estates, IL, United States
Chung, Judy, Glenview, IL, United States
Long, Michelle A., Lombard, IL, United States
Sun, Wei Mei, Palatine, IL, United States
Newell, Gerald P., Hoffman Estates, IL, United States
Evans, Trefor A., Lombard, IL, United States
Kamis, Kimberly, Glenview, IL, United States
Brucks, Richard M., Chicago, IL, United States
PATENT ASSIGNEE(S): Helene Curtis, Inc., Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5656280		19970812
APPLICATION INFO.:	US 1994-349904		19941206 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lovering, Richard D.		
LEGAL REPRESENTATIVE:	Marshall, O'Toole, Gerstein, Murray & Borun		
NUMBER OF CLAIMS:	55		
EXEMPLARY CLAIM:	1,2,14		
LINE COUNT:	2799		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Water-in-oil-in-water multiple emulsion compositions are disclosed. The multiple emulsion compositions comprise an external aqueous phase optionally incorporating a surfactant system capable of forming liquid crystals as an emulsifier. The internal phase comprises a primary water-in-oil emulsion, wherein the primary emulsion comprises a first topically-active compound, a surfactant phase, an oil phase, and water.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 8 OF 54 USPATFULL on STN

ACCESSION NUMBER: 97:61777 USPATFULL Full-text
TITLE: Diguanamines and preparation process, derivatives and use thereof
INVENTOR(S): Oishi, Tetsuya, Kanagawa-ken, Japan
Suzuki, Jin, Tokyo, Japan
Ohkawa, Kouhei, Kanagawa-ken, Japan
Ono, Hiroshi, Osaka, Japan
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5648446		19970715
APPLICATION INFO.:	US 1995-414011		19950330 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-201391, filed on 24 Feb 1994 which is a continuation-in-part of Ser. No. US 1994-186550, filed on 26 Jan 1994, now abandoned which is a continuation of Ser. No. US 1993-983855, filed on		

2 Mar 1993, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1993-35198	19930224
	JP 1993-35199	19930224
	JP 1993-35200	19930224
	JP 1993-43048	19930303
	JP 1993-51775	19930312
	JP 1993-87499	19930414
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Acquah, Samuel A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	6424	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided by the present invention are novel diguanamine derivatives, led by 2,5/2,6-bis(4,6-diamino-1,3,5-triazin-2-yl)-bicyclo[2.2.1]heptanes and 1,3/1,4-bis(4,6-diamino-1,3,5-triazin-2-yl)-cyclohexanes, and derivatives thereof, applications of these compounds in fields such as adhesives and paints, utilization of these compounds in flame-retarding, thermal stabilization and compatibilization methods of resins, thermosetting molding compositions and thermosetting expansion-molding compositions making use of these compounds, as well as polymeric microspheres also using these compounds. These compounds are expected to find wide spread industrial utility as various excellent properties can be obtained by using them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 9 OF 54 USPATFULL on STN

ACCESSION NUMBER: 97:59298 USPATFULL Full-text
TITLE: Diguanamines and preparation process, derivatives and use thereof
INVENTOR(S): Oishi, Tetsuya, Kanagawa-ken, Japan
Suzuki, Jin, Tokyo, Japan
Ohkawa, Kouhei, Kanagawa-ken, Japan
Ono, Hiroshi, Osaka, Japan
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5646240		19970708
APPLICATION INFO.:	US 1996-619084		19960321 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-414011, filed on 30 Mar 1995 which is a division of Ser. No. US 1994-201391, filed on 24 Feb 1994, now patented, Pat. No. US 5596039 which is a continuation-in-part of Ser. No. US 1994-186550, filed on 26 Jan 1994, now abandoned which is a continuation of Ser. No. US 1993-983855, filed on 2 Mar 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1993-35198	19930224
	JP 1993-35199	19930224

JP 1993-35200	19930224
JP 1993-43048	19930303
JP 1993-51775	19930312
JP 1993-87499	19930414

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Acquah, Samuel A.
 LEGAL REPRESENTATIVE: Burns, Doane, Swecker & Mathis
 NUMBER OF CLAIMS: 5
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 6 Drawing Figure(s); 4 Drawing Page(s)
 LINE COUNT: 6399

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided by the present invention are novel diguanamine derivatives, led by 2,5/2,6-bis(4,6-diamino-1,3,5-triazin-2-yl)-bicyclo[2.2.1]heptanes and 1,3/1,4-bis(4,6-diamino-1,3,5-triazin-2-yl)-cyclohexanes, and derivatives thereof, applications of these compounds in fields such as adhesives and paints, utilization of these compounds in flame-retarding, thermal stabilization and compatibilization methods of resins, thermosetting molding compositions and thermosetting expansion-molding compositions making use of these compounds, as well as polymeric microspheres also using these compounds. These compounds are expected to find wide spread industrial utility as various excellent properties can be obtained by using them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 10 OF 54 USPATFULL on STN

ACCESSION NUMBER: 97:6016 USPATFULL Full-text
 TITLE: Diguanamines and preparation process, derivatives and use thereof
 INVENTOR(S): Oishi, Tetsuya, Kanagawa-ken, Japan
 Ozawa, Hiroshi, Kanagawa-ken, Japan
 Karasawa, Minato, Chiba-ken, Japan
 Inomata, Masamitsu, Chiba-ken, Japan
 Mega, Izumi, Chiba-ken, Japan
 Yamauchi, Atsuyoshi, Kanagawa-ken, Japan
 PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Incorporated, Tokyo, Japan
 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5596039		19970121
APPLICATION INFO.:	US 1994-201391		19940224 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-186550, filed on 26 Jan 1994, now abandoned which is a continuation of Ser. No. US 1993-983855, filed on 2 Mar 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1993-35198	19930224
	JP 1993-35199	19930224
	JP 1993-35200	19930224
	JP 1993-43048	19930303
	JP 1993-51775	19930312
	JP 1993-87499	19930414

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Acquah, Samuel A.

LEGAL REPRESENTATIVE: Burns, Doane, Swecker & Mathis
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 6358

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided by the present invention are novel diguanamine derivatives, led by 2,5/2,6-bis(4,6-diamino-1,3,5-triazin-2-yl)-bicyclo[2.2.1]heptanes and 1,3/1,4-bis(4,6-diamino-1,3,5-triazin-2-yl)-cyclohexanes, and derivatives thereof, applications of these compounds in fields such as adhesives and paints, utilization of these compounds in flame-retarding, thermal stabilization and compatibilization methods of resins, thermosetting molding compositions and thermosetting expansion-molding compositions making use of these compounds, as well as polymeric microspheres also using these compounds. These compounds are expected to find wide spread industrial utility as various excellent properties can be obtained by using them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:23:20 ON 23 OCT 2006)

FILE 'CAPLUS, MEDLINE, WPIDS, USPATFULL' ENTERED AT 12:23:42 ON 23 OCT 2006

L1 30482 S "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"
L2 1068368 S "ZINC" OR "ZINC CHLORIDE"
L3 228422 S "LECITHIN" OR "DMSO"
L4 182 S "NORDIHYDROGUIARETIC ACID"
L5 184326 S "ASCORBIC ACID"
L6 6329 S L1 AND L2
L7 96 S L6 AND LESION
L8 6 S L7 AND L4
L9 6 S L6 AND L4
L10 244277 S "ANTIOXIDANT"
L11 267 S L6 AND L10
L12 61 S L11 NOT PY>1998
L13 54 S L12 AND COMPOSITION

=> s l1 and l2 and chelate

L14 779 L1 AND L2 AND CHELATE

=> s l14 and l10

L15 64 L14 AND L10

=> s l15 not py>1998

L16 16 L15 NOT PY>1998

=> d l16 1-16 ibib, abs

L16 ANSWER 1 OF 16 USPATFULL on STN

ACCESSION NUMBER: 1998:151065 USPATFULL Full-text

TITLE: Process for the preparation of lactic acid-based polyester

INVENTOR(S): Kakizawa, Yasutoshi, Chiba, Japan

PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Tokyo, Japan
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5844066		19981201
APPLICATION INFO.:	US 1996-712994		19960910 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-232604	19950911
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Jagannathan, Vasu	
ASSISTANT EXAMINER:	Asinovsky, Olga	
LEGAL REPRESENTATIVE:	Armstrong, Westerman, Hattori, McLeland & Naughton	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1358	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a process for the preparation of a lactic acid-based polyester having an excellent moldability, storage stability and biodegradability which has a less residual lactide left therein and is less susceptible to decomposition of lactic acid-based polyester and attachment of sublimed lactide to the molding apparatus, etc. at the devolatilization step and molding step after the polymerization reaction of lactic acid-based polyester. In the present invention, an organic chelating agent is added to a lactic acid-based polyester to deactivate the esterification catalyst used in the preparation of the lactic acid-based polyester, making it possible to inhibit the decomposition of lactic acid-based polyester at the devolatilizing process and molding process after polymerization reaction. Accordingly, a process for the preparation of a lactic acid-based polyester useful as a packaging material such as film and sheet having a high molecular weight, a high heat resistance, good mechanical properties and excellent moldability, storage stability and biodegradability can be provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 2 OF 16 USPATFULL on STN

ACCESSION NUMBER: 1998:61065 USPATFULL Full-text
 TITLE: Light-emitting material for organic electroluminescence device, and organic electroluminescence device for which the light-emitting material is adapted
 INVENTOR(S): Enokida, Toshio, Tokyo, Japan
 Tamano, Michiko, Tokyo, Japan
 Okutsu, Satoshi, Tokyo, Japan
 PATENT ASSIGNEE(S): Toyo Ink Manufacturing Co., Ltd., Tokyo, Japan
 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5759444		19980602
APPLICATION INFO.:	US 1996-688879		19960731 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-245607	19950925
	JP 1996-12430	19960129
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bonner, Melissa	

LEGAL REPRESENTATIVE: Wenderoth, Lind & Ponack
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
LINE COUNT: 1131

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A light-emitting material of the following general formula [1] for an organic electroluminescence device, ##STR1## wherein each of A.sup.1 to A.sup.4 is a substituted or unsubstituted aryl group having 6 to 16 carbon atoms, and each of R.sup.1 to R.sup.8 is independently a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryl group or a substituted or unsubstituted amino group, provided that adjacent substituents may form an aryl ring.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 3 OF 16 USPATFULL on STN

ACCESSION NUMBER: 97:104564 USPATFULL Full-text
TITLE: Process for the preparation of lactic acid-based polyester
INVENTOR(S): Kakizawa, Yasutoshi, Chiba, Japan
PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc., Tokyo, Japan
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5686540		19971111
APPLICATION INFO.:	US 1996-722599		19960927 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-252263	19950929
	JP 1995-262832	19951011
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Acquah, Samuel A.	
LEGAL REPRESENTATIVE:	Armstrong, Westerman, Hattori, McLeland & Naughton	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1708	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a process for the preparation of a biodegradable lactic acid-based polyester composition excellent in thermal stability, storage stability, flexibility, heat resistance, mechanical and physical properties and moldability which comprises kneading a lactic acid-based polyester and a polyester consisting of dicarboxylic acid component(s) and diol component(s) with a chelating agent, an acidic phosphoric acid ester, a molecular weight increasing agent, etc., and then devolatilizing the kneaded mixture. The present invention also provides a molding process of the foregoing lactic acid-based polyester composition. A novel process for the preparation of a lactic acid-based polyester composition is provided, which comprises melt-kneading a lactic acid-based polyester (A), a polyester (B) consisting of dicarboxylic acid component(s) and diol component(s) and a chelating agent and/or acidic phosphoric acid ester (C) in an amount such that the weight ratio (A)/(B is from 99/1 to 10/90 and the proportion of (C) is 0.001 to 5 parts by weight based on 100 parts by weight of the sum of (A) and (B). A novel process for molding a lactic acid-based polyester composition is also provided, which comprises kneading a lactic acid-based polyester (A) and a polyester (B) consisting of dicarboxylic acid

component(s) and diol component(s) with a chelating agent and/or acidic phosphoric acid ester (C), and then molding the material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 4 OF 16 USPATFULL on STN

ACCESSION NUMBER: 97:99118 USPATFULL Full-text
TITLE: Hole-transporting material and use thereof
INVENTOR(S): Tamano, Michiko, Tokyo, Japan
Onikubo, Toshikazu, Tokyo, Japan
Uemura, Toshiyuki, Tokyo, Japan
Ogawa, Tadashi, Tokyo, Japan
Enokida, Toshio, Tokyo, Japan
PATENT ASSIGNEE(S): Toyo Ink Manufacturing Co., Ltd., Tokyo, Japan
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5681664		19971028
APPLICATION INFO.:	US 1995-510535		19950802 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1994-183198	19940804
	JP 1994-319694	19941222
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Yamnitzky, Marie	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	1208	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Hole-transporting materials of the following formula (1) have excellent hole-transporting capability and excellent durability,

H--A--[--B--A--].sub.n --B--A--H (1)

wherein A is an aromatic amine derivative residue of the following formula (2), B is a residue of the following formula (3), and n is an integer of 1 to 5,000,

Formula (2): ##STR1## Formula (3): ##STR2## and the above hole-transporting materials therefore give an organic EL device and an electrophotographic photoreceptor which are excellent in stability in the continuous operation for a long period time.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 5 OF 16 USPATFULL on STN

ACCESSION NUMBER: 96:91664 USPATFULL Full-text
TITLE: Copper-containing organometallic complexes and concentrates and diesel fuels containing same
INVENTOR(S): Kolp, Christopher J., Euclid, OH, United States

Daly, Daniel T., Shaker Hts., OH, United States
 Huang, Nai Z., Mayfield Hts., OH, United States
 Jolley, Scott T., Mentor, OH, United States
 Koch, Frederick W., Willoughby Hills, OH, United States
 Stoldt, Stephen H., Concord Township, OH, United States
 Walsh, Reed H., Mentor, OH, United States
 Denis, Richard A., Auburn Township, OH, United States
 PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5562742		19961008
APPLICATION INFO.:	US 1994-264405		19940623 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-699051, filed on 13 May 1991, now patented, Pat. No. US 5360459		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McAvoy, Ellen M.		
LEGAL REPRESENTATIVE:	Hunter, Frederick D.		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2942		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to copper-containing organometallic complexes, and to concentrates and diesel fuels containing said complexes. The diesel fuels are useful with diesel engines equipped with exhaust system particulate traps. The copper-containing organometallic complex is used for lowering the ignition temperature of exhaust particles collected in the trap. The copper-containing organometallic complex is soluble or stably dispersible in the diesel fuel and is derived from (i) an organic compound containing at least two functional groups attached to a hydrocarbon linkage, and (ii) a copper-containing metal reactant capable of forming a complex with the organic compound (i). The functional groups are .dbd.X, --XR, --NR., --NO., .dbd.NR, .dbd.NXR, .dbd.N--R*--XR, ##STR1## --CN, --N.dbd.NR or --N.dbd.CR.; wherein X is O or S, R is H or hydrocarbyl, R* is hydrocarbylene or hydrocarbylidene, and a is a number (e.g., zero to about 10). The copper can be combined with one or more metals selected from the group consisting Na, K, Mg, Ca, Sr, Ba, V, Cr, Mo, Fe, Co, Zn, B, Pb, Sb, Ti, Mn and Zr. This invention is also directed to methods of operating a diesel engine equipped with an exhaust system particulate trap using the foregoing diesel fuel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 6 OF 16 USPATFULL on STN

ACCESSION NUMBER: 96:60228 USPATFULL Full-text
 TITLE: Organometallic complex-antioxidant combinations, and concentrates and diesel fuels containing same

INVENTOR(S): Huang, Nai Z., Mayfield Hts., OH, United States
 Daly, Daniel T., Shaker Hts., OH, United States
 Koch, Frederick W., Willoughby Hills, OH, United States
 Stoldt, Stephen H., Concord Township, OH, United States
 Walsh, Reed H., Mentor, OH, United States

PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
 (U.S. corporation)

NUMBER	KIND	DATE

PATENT INFORMATION: US 5534039 19960709
 APPLICATION INFO.: US 1994-265490 19940624 (8)
 RELATED APPLN. INFO.: Division of Ser. No. US 1991-699423, filed on 13 May 1991, now patented, Pat. No. US 5344467
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: McAvoy, Ellen M.
 LEGAL REPRESENTATIVE: Hunter, Frederick D.
 NUMBER OF CLAIMS: 27
 EXEMPLARY CLAIM: 1
 LINE COUNT: 3731

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to combinations of (A) organometallic complexes and (B) antioxidants. These combinations can be used in diesel fuels for operating diesel engines equipped with exhaust system particulate traps. The combination of (A) and (B) is useful in lowering the ignition temperature of exhaust particles collected in the trap. The organometallic complex (A) is soluble or stably dispersible in the diesel fuel and is derived from (i) an organic compound containing at least two functional groups attached to a hydrocarbon linkage, and (ii) a metal reactant capable of forming a complex with the organic compound (i), the metal being any metal capable of reducing the ignition temperature of the exhaust particles. The functional groups include .dbd.X, --XR, --NR.sub.2, --NO.sub.2, .dbd.NR, .dbd.NXR, .dbd.N--R*-XR, ##STR1## --CN, --N.dbd.NR and --N.dbd.CR.sub.2 ; wherein X is O or S, R is H or hydrocarbyl, R* is hydrocarbylene or hydrocarbylidene, and a is a number (e.g., zero to about 10). Useful metals include Na, K, Mg, Ca, Sr, Ba, V, Cr, Fe, Co, Cu, Zn, Pb, Sb, and mixtures of two or more thereof. This invention is also directed to concentrates and diesel fuels, and to methods of operating a diesel engine equipped with an exhaust system particulate trap.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 7 OF 16 USPATFULL on STN

ACCESSION NUMBER: 96:43168 USPATFULL Full-text
 TITLE: Low-sulfur diesel fuels containing organo-metallic complexes
 INVENTOR(S): Daly, Daniel T., Shaker Hts., OH, United States
 Adams, Paul E., Willoughby Hills, OH, United States
 Huang, Nai Z., Mayfield Hts., OH, United States
 Jolley, Scott T., Mentor, OH, United States
 Koch, Frederick W., Willoughby Hills, OH, United States
 Kolp, Christopher J., Euclid, OH, United States
 Stoldt, Stephen H., Concord Township, OH, United States
 Walsh, Reed H., Mentor, OH, United States
 Denis, Richard A., Auburn Township, OH, United States
 Dishong, Dennis M., South Euclid, OH, United States
 PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5518510		19960521
APPLICATION INFO.:	US 1994-328050		19941024 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-753517, filed on 13 Sep 1991, now patented, Pat. No. US 5376154 And a continuation-in-part of Ser. No. US 1991-699424, filed on 13 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		

FILE SEGMENT: Granted
PRIMARY EXAMINER: McAvoy, Ellen M.
LEGAL REPRESENTATIVE: Hunter, Frederick D.
NUMBER OF CLAIMS: 81
EXEMPLARY CLAIM: 1
LINE COUNT: 4123

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to low-sulfur diesel fuels which are useful with diesel engines equipped with exhaust system particulate traps. These fuels contain an effective amount of an organometallic complex to lower the ignition temperature of exhaust particles collected in the trap. The sulfur content of these diesel fuels is no more than about 0.1% by weight, preferably no more than about 0.05% by weight. The organometallic complex is soluble or stably dispersible in the diesel fuel and is derived from (i) an organic compound containing at least two functional groups attached to a hydrocarbon linkage, and (ii) a metal reactant capable of forming a complex with the organic compound (i), the metal being any metal capable of reducing the ignition temperature of the exhaust particles. The functional groups include .dbd.X, --XR, --NR.sub.2, --NO.sub.2, .dbd.NR, .dbd.NXR, .dbd.N--R*-XR, ##STR1## --CN, --N.dbd.NR and --N.dbd.CR.sub.2 ; wherein X is O or S, R is H or hydrocarbyl, R* is hydrocarbylene or hydrocarbylidene, and a is a number (e.g., zero to about 10). Useful metals include Na, K, Mg, Ca, Sr, Ba, Ti, Zr, V, Cr, Mo, Mn, Fe, Co, Cu, Zn, B, Pb, Sb, and mixtures of two or more thereof. This invention is also directed to methods of operating a diesel engine equipped with an exhaust system particulate trap using the foregoing low-sulfur diesel fuels.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 8 OF 16 USPATFULL on STN

ACCESSION NUMBER: 94:112520 USPATFULL Full-text

TITLE: Low-sulfur diesel fuels containing organometallic complexes

INVENTOR(S): Daly, Daniel T., Shaker Hts., OH, United States
Adams, Paul E., Willoughby Hills, OH, United States
Huang, Nai Z., Mayfield Hts., OH, United States
Jolley, Scott T., Mentor, OH, United States
Koch, Frederick W., Willoughby Hills, OH, United States
Kolp, Christopher J., Euclid, OH, United States
Stoldt, Stephen H., Concord Township, Lake County, OH, United States
Walsh, Reed H., Mentor, OH, United States
Denis, Richard A., Auburn Township, Cuyahoga County, OH, United States
Dishong, Dennis M., South Euclid, OH, United States
PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5376154		19941227
APPLICATION INFO.:	US 1991-753517		19910903 (7)
DISCLAIMER DATE:	20111227		
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-699424, filed on 13 May 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McAvoy, Ellen M.		
LEGAL REPRESENTATIVE:	Hunter, Frederick D.		

NUMBER OF CLAIMS: 135
EXEMPLARY CLAIM: 1
LINE COUNT: 4707

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to low-sulfur diesel fuels which are useful with diesel engines equipped with exhaust system particulate traps. These fuels contain an effective amount of an organometallic complex to lower the ignition temperature of exhaust particles collected in the trap. The sulfur content of these diesel fuels is no more than about 0.1% by weight, preferably no more than about 0.05% by weight. The organometallic complex is soluble or stably dispersible in the diesel fuel and is derived from (i) an organic compound containing at least two functional groups attached to a hydrocarbon linkage, and (iii) a metal reactant capable of forming a complex with the organic compound (i), the metal being any metal capable of reducing the ignition temperature of the exhaust particles. The functional groups include .dbd.X, --XR, --NR.sub.2, --NO.sub.2, .dbd.NR, .dbd.NXR, .dbd.N--R*-XR, ##STR1## --CN, --N.dbd.NR and --N.dbd.CR.sub.2 ; wherein X is O or S, R is H or hydrocarbyl, R* is hydrocarbylene or hydrocarbylidene, and a is a number (e.g., zero to about 10). Useful metals include Na, K, Mg, Ca, Sr, Ba, Ti, Zr, V, Cr, Mo, Mn, Fe, Co, Cu, Zn, B, Pb, Sb, and mixtures of two or more thereof. This invention is also directed to methods of operating a diesel engine equipped with an exhaust system particulate trap using the foregoing low-sulfur diesel fuels.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 9 OF 16 USPATFULL on STN

ACCESSION NUMBER: 94:95073 USPATFULL Full-text

TITLE: Copper-containing organometallic complexes and concentrates and diesel fuels containing same

INVENTOR(S): Kolp, Christopher J., Euclid, OH, United States
Daly, Daniel T., Shaker Hts., OH, United States
Huang, Nai Z., Mayfield Hts., OH, United States
Jolley, Scott T., Mentor, OH, United States
Koch, Frederick W., Willoughby Hills, OH, United States
Stoldt, Stephen H., Concord Township, Ashtabula County, OH, United States
Walsh, Reed H., Mentor, OH, United States
Denis, Richard A., Auburn Township, Ashtabula County, OH, United States

PATENT ASSIGNEE(S): The Lubrizol Corporation, Cleveland, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5360459		19941101
APPLICATION INFO.:	US 1991-699051		19910513 (7)
DISCLAIMER DATE:	20080513		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McAvoy, Ellen M.		
LEGAL REPRESENTATIVE:	Hunter, Frederick D.		
NUMBER OF CLAIMS:	38		
EXEMPLARY CLAIM:	1		
LINE COUNT:	3062		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to copper-containing organometallic complexes, and to concentrates and diesel fuels containing said complexes. The diesel fuels are useful with diesel engines equipped with exhaust system particulate

traps. The copper-containing organometallic complex is used for lowering the ignition temperature of exhaust particles collected in the trap. The copper-containing organometallic complex is soluble or stably dispersible in the diesel fuel and is derived from (i) an organic compound containing at least two functional groups attached to a hydrocarbon linkage, and (ii) a copper-containing metal reactant capable of forming a complex with the organic compound (i). The functional groups are .dbd.X, --XR, --NR.sub.2, --NO.sub.2, .dbd.NR, .dbd.NXR, .dbd.N--R*--XR, ##STR1## --CN, --N.dbd.NR or --N.dbd.CR.sub.2 ; wherein X is O or S, R is H or hydrocarbyl, R* is hydrocarbylene or hydrocarbylidene, and a is a number (e.g., zero to about 10). The copper can be combined with one or more metals selected from the group consisting Na, K, Mg, Ca, Sr, Ba, V, Cr, Mo, Fe, Co, Zn, B, Pb, Sb, Ti, Mn and Zr. This invention is also directed to methods of operating a diesel engine equipped with an exhaust system particulate trap using the foregoing diesel fuel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 10 OF 16 USPATFULL on STN

ACCESSION NUMBER: 94:77363 USPATFULL Full-text

TITLE: Organometallic complex-antioxidant combinations, and concentrates and diesel fuels containing same

INVENTOR(S): Huang, Nai Z., Mayfield Hts., OH, United States
 Adams, Paul E., Willoughby Hills, OH, United States
 Daly, Daniel T., Shaker Hts., OH, United States
 Jolley, Scott T., Mentor, OH, United States
 Koch, Frederick W., Willoughby Hills, OH, United States
 Kolp, Christopher J., Euclid, OH, United States
 Stoldt, Stephen H., Concord Township, Lake County, OH, United States
 Walsh, Reed H., Mentor, OH, United States
 Denis, Richard A., Auburn Township, Cuyahoga County, OH, United States

PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5344467		19940906
APPLICATION INFO.:	US 1991-699423		19910513 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McAvoy, Ellen M.		
LEGAL REPRESENTATIVE:	Hunter, Frederick D.		
NUMBER OF CLAIMS:	80		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4005		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to combinations of (A) organometallic complexes and (B) antioxidants. These combinations can be used in diesel fuels for operating diesel engines equipped with exhaust system particulate traps. The combination of (A) and (B) is useful in lowering the ignition temperature of exhaust particles collected in the trap. The organometallic complex (A) is soluble or stably dispersible in the diesel fuel and is derived from (i) an organic compound containing at least two functional groups attached to a hydrocarbon linkage, and (ii) a metal reactant capable of forming a complex with the organic compound (i), the metal being any metal capable of reducing the ignition temperature of the exhaust particles. The functional groups

include .dbd.X, --XR, --NR.sub.2, --NO.sub.2, .dbd.NR, .dbd.NXR, .dbd.N--R*--XR, ##STR1## --CN, --N.dbd.NR and --N.dbd.CR.sub.2 ; wherein X is O or S, R is H or hydrocarbyl, R* is hydrocarbylene or hydrocarbylidene, and a is a number (e.g., zero to about 10). Useful metals include Na, K, Mg, Ca, Sr, Ba, V, Cr, Fe, Co, Cu, Zn, Pb, Sb, and mixtures of two or more thereof. This invention is also directed to concentrates and diesel fuels, and to methods of operating a diesel engine equipped with an exhaust system particulate trap.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 11 OF 16 USPATFULL on STN

ACCESSION NUMBER: 94:72859 USPATFULL Full-text
 TITLE: Diesel fuels containing organometallic complexes
 INVENTOR(S): Koch, Frederick W., Willoughby Hills, OH, United States
 Daly, Daniel T., Shaker Hts., OH, United States
 Huang, Nai Z., Mayfield Hts., OH, United States
 Jolley, Scott T., Mentor, OH, United States
 Kolp, Christopher J., Euclid, OH, United States
 Stoldt, Stephen H., Concord Township, Lake County, OH, United States
 Denis, Richard A., Auburn Township, Cuyahoga County, OH, United States
 PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5340369		19940823
APPLICATION INFO.:	US 1991-699409		19910513 (7).
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McAvoy, Ellen M.		
LEGAL REPRESENTATIVE:	Hunter, Frederick D.		
NUMBER OF CLAIMS:	100		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4139		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to diesel fuels which are useful with diesel engines equipped with exhaust system particulate traps. These fuels contain an effective amount of an organometallic complex to lower the ignition temperature of exhaust particles collected in the trap. The organometallic complex is soluble or stably dispersible in the diesel fuel and is derived from (i) an organic compound containing at least two functional groups attached to a hydrocarbon linkage, and (ii) a metal reactant capable of forming a complex with the organic compound (i), the metal being any metal capable of reducing the ignition temperature of the exhaust particles. The functional groups include .dbd.X, --XR, ##STR1## --CN, --N.dbd.NR and --N.dbd.CR.sub.2 ; wherein X is O or S, R is H or hydrocarbyl, R* is hydrocarbylene or hydrocarbylidene, and a is a number (e.g., zero to about 10). Useful metals include Na, K, Mg, Ca, Sr, Ba, V, Cr, Mo, Fe, Co, Cu, Zn, B, Pb, Sb, and mixtures of two or more thereof. This invention is also directed to methods of operating a diesel engine equipped with an exhaust system particulate trap using the foregoing diesel fuel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 12 OF 16 USPATFULL on STN

ACCESSION NUMBER: 88:67448 USPATFULL Full-text
TITLE: Roofing composition
INVENTOR(S): Futamura, Shingo, Wadsworth, OH, United States
PATENT ASSIGNEE(S): The Firestone Tire & Rubber Company, Akron, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4778852		19881018
APPLICATION INFO.:	US 1987-34365		19870406 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ziegler, Jacob		
LEGAL REPRESENTATIVE:	Troy, Sr., Frank J.		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1002		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A roofing composition comprising a blend of a thermoplastic elastomer containing at least two polymer blocks wherein one of said polymer blocks is a crystalline polymer block and one of said polymer blocks is an amorphous polymer block, and a vulcanizable elastomer selected from the group consisting of EPDM, butyl, neutralized sulfonated EPDM, neutralized sulfonated butyl and mixtures thereof. The roofing compositions have particular application as roofing membranes (i.e. roof sheeting) or roof flashing materials.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 13 OF 16 USPATFULL on STN

ACCESSION NUMBER: 87:76464 USPATFULL Full-text
TITLE: Pressure sensitive manifold sheet
INVENTOR(S): Shioi, Shunsuke, Ikoma, Japan
Shinmitsu, Kazuyuki, Osaka, Japan
Kanda, Nobuo, Hirakata, Japan
Kondo, Mitsuru, Hyogo, Japan
Miyake, Makoto, Ashiya, Japan
PATENT ASSIGNEE(S): Kanzaki Paper Manufacturing Co. Ltd., Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4704379		19871103
APPLICATION INFO.:	US 1986-835749		19860303 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1985-45106	19850306
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Hess, Bruce H.	
LEGAL REPRESENTATIVE:	Murray and Whisenhunt	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1273	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A pressure sensitive manifold sheet characterized in that a chelate record material comprising an iron (III) compound and/or a vanadium compound, and an aromatic compound having at least one of hydroxyl group and mercapto

group on the aromatic ring in combination therewith is used further in combination with an infrared absorbing organic compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 14 OF 16 USPATFULL on STN

ACCESSION NUMBER: 86:41382 USPATFULL Full-text

TITLE: Recording materials

INVENTOR(S): Shioi, Shunshuke, Osaka, Japan
Matoba, Gensuke, Osaka, Japan
Miyake, Makoto, Hyogo, Japan

PATENT ASSIGNEE(S): Kanzaki Paper Manufacturing Co., Ltd., Tokyo, Japan
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4602264		19860722
APPLICATION INFO.:	US 1983-522315		19830811 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1982-148428	19820825
	JP 1982-149414	19820828
	JP 1982-167012	19820925

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Buffalow, Edith
LEGAL REPRESENTATIVE: Larson and Taylor
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 2214

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB In a recording material producing images due to a complex formed from an organic phosphorus-iron compound having a bond of PO^{sup.-} and/or PS^{sup.-} with Fe^{sup.3+} in the molecule and a ligand compound which reacts with the organic phosphorus-iron compound, the present recording material is characterized in that (a) a colorless or light-colored oil-soluble and/or heat-fusible organic compound adheres to the surface of the organic phosphorus-iron compound and/or (b) an organic base is present out of contact with the organic phosphorus-iron compound. The present invention also provides a desensitizer comprising at least one compound selected from the group consisting of (a) organic phosphorus compounds having a bond of P-OH and/or P-SH, (b) organic compounds having an aminocarboxyl group and (c) salts of these compounds (a) and (b).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 15 OF 16 USPATFULL on STN

ACCESSION NUMBER: 85:46464 USPATFULL Full-text

TITLE: Recording materials

INVENTOR(S): Shioi, Shunshuke, Daito, Japan
Takekawa, Yasuo, Neyagawa, Japan
Miyake, Makoto, Ashiya, Japan

PATENT ASSIGNEE(S): Kanzaki Paper Manufacturing Company, Ltd., Tokyo, Japan
(non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 4533930 19850806
APPLICATION INFO.: US 1982-410811 19820823 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1981-137291	19810831
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Hess, Bruce H.	
LEGAL REPRESENTATIVE:	Larson and Taylor	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
LINE COUNT:	989	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to recording materials comprising:

(a) an organic phosphorus-iron compound having a bond of PO.^{sup.-} and/or PS.^{sup.-} with Fe.^{sup.+++} in the molecule and

(b) a ligand compound capable of reacting with the organic phosphorus-iron compound to form a complex.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L16 ANSWER 16 OF 16 USPATFULL on STN

ACCESSION NUMBER: 85:3353 USPATFULL Full-text
TITLE: Photographic material with metal complexed dyes
INVENTOR(S): Fujita, Shinsaku, Kanagawa, Japan
Maekawa, Yukio, Kanagawa, Japan
Ono, Shigetoshi, Kanagawa, Japan
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4493885		19850115
APPLICATION INFO.:	US 1983-491788		19830510 (6)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1982-285245, filed on 20 Jul 1982, now abandoned which is a continuation of Ser. No. US 1980-111067, filed on 10 Jan 1980, now abandoned which is a continuation-in-part of Ser. No. US 1978-962729, filed on 21 Nov 1978, now abandoned which is a continuation of Ser. No. US 1977-774173, filed on 3 Mar 1977, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1976-22779	19760303
	GB 1977-8879	19770302
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Schilling, Richard L.	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak and Seas	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1736	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A color photographic element for the diffusion transfer process comprising a support having thereon at least one photosensitive silver halide emulsion layer, the silver halide emulsion layer having associated therewith a dye releasing redox compound or a dye releasing coupler and the dye releasing redox compound or the dye releasing coupler releasing a diffusible metal complex having coordinated therewith a dye or a dye precursor and a cyclic or straight or branched chain multidentate ligand by reaction with the oxidation product of a developing agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:23:20 ON 23 OCT 2006)

FILE 'CAPLUS, MEDLINE, WPIDS, USPATFULL' ENTERED AT 12:23:42 ON 23 OCT 2006

L1 30482 S "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"
L2 1068368 S "ZINC" OR "ZINC CHLORIDE"
L3 228422 S "LECITHIN" OR "DMSO"
L4 182 S "NORDIHYDROGUIARETIC ACID"
L5 184326 S "ASCORBIC ACID"
L6 6329 S L1 AND L2
L7 96 S L6 AND LESION
L8 6 S L7 AND L4
L9 6 S L6 AND L4
L10 244277 S "ANTIOXIDANT"
L11 267 S L6 AND L10
L12 61 S L11 NOT PY>1998
L13 54 S L12 AND COMPOSITION
L14 779 S L1 AND L2 AND CHELATE
L15 64 S L14 AND L10
L16 16 S L15 NOT PY>1998

=> s l1 and l2 and l3

L17 884 L1 AND L2 AND L3

=> s l17 and l4

L18 6 L17 AND L4

=> d l18 1-6 ibib, abs

L18 ANSWER 1 OF 6 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN
ACCESSION NUMBER: 1999-494210 [41] WPIDS
DOC. NO. CPI: C1999-144826 [41]
TITLE: Composition used for treating cancerous lesions,
precancerous lesions, cysts and warts
DERWENT CLASS: A96; B02
INVENTOR: HANSON C C; JORDAN R T; POTESTIO F S
PATENT ASSIGNEE: (DERM-N) DERMEX PHARM LLC; (HANS-I) HANSON C C; (JORD-I)
JORDAN R T; (POTE-I) POTESTIO F S; (CHEM-N) CHEMOCENTRYX
INC
COUNTRY COUNT: 83

PATENT INFO ABBR.:

PATENT NO	KIND DATE	WEEK	LA	PG	MAIN IPC
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WO 9939721	A1	19990812	(199941)*	EN	33 [1]
AU 9925956	A	19990823	(200005)	EN	
EP 1052999	A1	20001122	(200061)	EN	
US 6476014	B1	20021105	(200276)	EN	
AU 755521	B	20021212	(200305)	EN	
NZ 506367	A	20030328	(200325)	EN	
US 20030113381	A1	20030619	(200341)	EN	
US 20030114484	A1	20030619	(200341)	EN	
US 20040092496	A1	20040513	(200432)	EN	
US 6774124	B2	20040810	(200453)	EN	
US 7060696	B2	20060613	(200639)	EN	
US 20060204592	A1	20060914	(200661)	EN	

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9939721	A1	WO 1999-US2817	19990210
US 6476014	B1 CIP of	US 1998-21421	19980210
US 20030113381	A1 Div Ex	US 1998-21421	19980210
US 20030114484	A1 Div Ex	US 1998-21421	19980210
US 20040092496	A1	US 1998-21421	19980210
US 6774124	B2 CIP of	US 1998-21421	19980210
US 7060696	B2 CIP of	US 1998-21421	19980210
AU 9925956	A	AU 1999-25956	19990210
AU 755521	B	AU 1999-25956	19990210
EP 1052999	A1	EP 1999-905911	19990210
NZ 506367	A	NZ 1999-506367	19990210
US 7060696	B2 Div Ex	US 1999-601304	19990210
EP 1052999	A1	WO 1999-US2817	19990210
US 6476014	B1	WO 1999-US2817	19990210
NZ 506367	A	WO 1999-US2817	19990210
US 20030113381	A1 Div Ex	WO 1999-US2817	19990210
US 20030114484	A1 Div Ex	WO 1999-US2817	19990210
US 6774124	B2 Div Ex	WO 1999-US2817	19990210
US 7060696	B2 Div Ex	WO 1999-US2817	19990210
US 6476014	B1	US 2001-601304	20010102
US 20030113381	A1 Div Ex	US 2001-601304	20010102
US 20030114484	A1 Div Ex	US 2001-601304	20010102
US 6774124	B2 Div Ex	US 2001-601304	20010102
US 20030113381	A1	US 2002-247161	20020918
US 7060696	B2	US 2002-247161	20020918
US 20030114484	A1	US 2002-247526	20020918
US 6774124	B2	US 2002-247526	20020918
US 20060204592	A1 CIP of	US 1998-21421	19980210
US 20060204592	A1 Div Ex	WO 1999-US2817	19990210
US 20060204592	A1 Div Ex	US 2001-601304	20010102
US 20060204592	A1 Div Ex	US 2002-247161	20020918
US 20060204592	A1	US 2006-434613	20060516

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 755521	B Previous Publ	AU 9925956 A
US 20030113381	A1 Div ex	US 6476014 B
US 20030114484	A1 Div ex	US 6476014 B
US 6774124	B2 Div ex	US 6476014 B
US 7060696	B2 Div ex	US 6476014 B
AU 9925956	A Based on	WO 9939721 A

EP 1052999	A1	Based on	WO 9939721	A
US 6476014	B1	Based on	WO 9939721	A
AU 755521	B	Based on	WO 9939721	A
NZ 506367	A	Based on	WO 9939721	A
US 20060204592	A1	Div ex	US 6476014	B
US 20060204592	A1	Div ex	US 7060696	B

PRIORITY APPLN. INFO: US 1998-21421 19980210
 WO 1999-US2817 19990210
 US 1999-601304 19990210
 US 2001-601304 20010102
 US 2002-247161 20020918
 US 2002-247526 20020918
 US 2006-434613 20060516

AN 1999-494210 [41] WPIDS

AB WO 1999039721 A1 UPAB: 20050522

NOVELTY - Composition comprises 8-hydroxyquinoline (8HQ), a metal chelating agent and a carrier.

ACTIVITY - Anticancer; Cytotoxic; Dermatological.

MECHANISM OF ACTION - None given.

USE - Used for treating epithelial lesions comprising cancerous lesions, precancerous lesions, cysts and warts (claimed). The composition has selective toxicity on human lung cancer, breast cancer and melanoma. The composition has selective toxicity against venereal warts, male veruca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis and Kaposi's sarcoma. In veterinary applications, the composition has a 100% therapeutic index with selective toxicity against eye cancer, sarcoïds, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, sebaceous adenoma, dermal lesions including acanthosis nigricans, acne, acral lick dermatitis, allergic reactions, calcinosis circumscripta, calcinosis cutis, cutaneous asthenia, deep mycotic infection, demodicosis, acute and chronic dermatitis, dermatomycosis, eosinophilic granuloma complex, epidermal cysts, hypothyroidism, ichthyosis, insect bites, lentigo, nodular penniculitis, pemphigus, canine scabies and thallium toxicosis.

A solutions of the composition is used to treat veterinary tumors including basal cell tumors, fibroma, fibrosarcoma, granuloma, hemangioma, hemangiopericytoma, histiocytoma, intracutaneous cornifying epithelioma, lipoma, lymphosarcoma, mast cell tumor, melanoma, papilloma, periana adenoma, reticulum cell sarcoma, sebaceous gland tumor, squamous cell carcinoma, sweat gland (apocrine) tumor and transmissible venereal tumor. Injectable forms of the solution are used to counteract the effects of bites from the brown recluse spider, which can have disfiguring and painful consequences if left untreated.

ADVANTAGE - One topical application is required, and the tissue forming the lesion turns black and necrotic after 2-4 weeks. The dead tissue is peeled away, and the wound site heals to completion after another 3-4 weeks. When large lesions are similarly removed, there is typically no scarring and hair follicles are restored to full function. The composition has a greater cytotoxic effect upon the abnormal cells because abnormal cells absorb it in a greater concentration.

The composition has selective toxicity.

Member(0003)

ABEQ EP 1052999 A1 UPAB 20050522

NOVELTY - Composition comprises 8-hydroxyquinoline (8HQ), a metal chelating agent and a carrier.

ACTIVITY - Anticancer; Cytotoxic; Dermatological.

MECHANISM OF ACTION - None given.

USE - Used for treating epithelial lesions comprising cancerous

lésions, precancerous lesions, cysts and warts (claimed). The composition has selective toxicity on human lung cancer, breast cancer and melanoma. The composition has selective toxicity against venereal warts, male veruca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis and Kaposi's sarcoma. In veterinary applications, the composition has a 100% therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, sebaceous adenoma, dermal lesions including acanthosis nigricans, acne, acral lick dermatitis, allergic reactions, calcinosis circumscripta, calcinosis cutis, cutaneous asthenia, deep mycotic infection, demodicosis, acute and chronic dermatitis, dermatomycosis, eosinophilic granuloma complex, epidermal cysts, hypothyroidism, ichthyosis, insect bites, lentigo, nodular penniculitis, pemphigus, canine scabies and thallium toxicosis.

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ADVANTAGE - One topical application is required, and the tissue forming the lesion turns black and necrotic after 2-4 weeks. The dead tissue is peeled away, and the wound site heals to completion after another 3-4 weeks. When large lesions are similarly removed, there is typically no scarring and hair follicles are restored to full function. The composition has a greater cytotoxic effect upon the abnormal cells because abnormal cells absorb it in a greater concentration.

The composition has selective toxicity.

L18 ANSWER 2 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2006:240147 USPATFULL Full-text
 TITLE: Chelated 8-hydroxyquinoline and use thereof in a method of treating epithelial lesions
 INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
 Hanson, Carl C., Parker, CO, UNITED STATES
 Potestio, Frank S., Parker, CO, UNITED STATES

	NUMBER	KIND	DATE
	-----	-----	-----
PATENT INFORMATION:	US 2006204592	A1	20060914
APPLICATION INFO.:	US 2006-434613	A1	20060516 (11)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-247161, filed on 18 Sep 2002, GRANTED, Pat. No. US 7060696 Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999 Continuation-in-part of Ser. No. US 1998-21421, filed on 10 Feb 1998, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301, US		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	884		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

AB A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier demonstrates therapeutic efficacy in treating lesions including cancerous lesions, precancerous lesions, cysts and warts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 3 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2004:121080 USPATFULL Full-text
TITLE: CHELATED 8-HYDROXYQUINOLINE AND USE
THEREOF IN A METHOD OF TREATING EPITHELIAL LESIONS
INVENTOR(S): JORDAN, RUSSEL T., FORT COLLINS, CO, UNITED STATES
HANSON, CARL C., PARKER, CO, UNITED STATES
POTESTIO, FRANK S., PARKER, CO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004092496	A1	20040513
APPLICATION INFO.:	US 1998-21421	A1	19980210 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301		
NUMBER OF CLAIMS:	33		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	701		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect. The zinc oxinate compositions are shown to be therapeutically effective against The therapeutic composition demonstrates selective toxicity with a therapeutic index of one-hundred percent on human lung cancer, breast cancer, melanoma, venereal warts, male veruoca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis, and Kaposi's sarcoma. In veterinary applications where dogs, cats, and horses are the patients, the composition shows a one-hundred percent therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, and sebaceous adenoma.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 4 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:166626 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline and use
thereof in a method of treating epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
Hanson, Carl C., Parker, CO, UNITED STATES
Potestio, Frank S., Parker, CO, UNITED STATES
PATENT ASSIGNEE(S): Chemocentryx Inc. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003114484	A1	20030619
	US 6774124	B2	20040810
APPLICATION INFO.:	US 2002-247526	A1	20020918 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb		

1999, PENDING A 371 of International Ser. No. US
1998-21421, filed on 10 Feb 1998, ABANDONED

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300,
BOULDER, CO, 80301
NUMBER OF CLAIMS: 1
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Page(s)
LINE COUNT: 850
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A chelation complex including 8-hydroxyquinoline and zinc mixed with a
carrier is effective in treating the bite of the brown recluse spider.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 5 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:165527 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline and use
thereof in a method of treating epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, UNITED STATES
Hanson, Carl C., Parker, CO, UNITED STATES
Potestio, Frank S., Parker, CO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003113381	A1	20030619
	US 7060696	B2	20060613
APPLICATION INFO.:	US 2002-247161	A1	20020918 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-601304, filed on 2 Jan 2001, GRANTED, Pat. No. US 6476014 A 371 of International Ser. No. WO 1999-US2817, filed on 10 Feb 1999, PENDING A 371 of International Ser. No. US 1998-21421, filed on 10 Feb 1998, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	LATHROP & GAGE LC, 4845 PEARL EAST CIRCLE, SUITE 300, BOULDER, CO, 80301		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	942		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A chelation complex including 8-hydroxyquinoline and zinc mixed with a carrier demonstrates therapeutic efficacy in treating lesions including cancerous lesions, precancerous lesions, cysts and warts.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 6 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2002:290927 USPATFULL Full-text
TITLE: Chelated 8-hydroxyquinoline for the
treatment of epithelial lesions
INVENTOR(S): Jordan, Russel T., Fort Collins, CO, United States
Hanson, Carl C., Parker, CO, United States
Potestio, Frank S., Parker, CO, United States
PATENT ASSIGNEE(S): Dermex Pharmaceuticals, LLC, Fort Collins, CO, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6476014	B1	20021105
	WO 9939721		19990812
APPLICATION INFO.:	US 2001-601304		20010102 (9)
	WO 1999-US2817		19990210
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-21421, filed on 10 Feb 1998, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Jarvis, William R. A.		
ASSISTANT EXAMINER:	Kim, Vickie		
LEGAL REPRESENTATIVE:	Lathrop & Gage L.C.		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	879		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect, wherein said epithelial lesions selected from the group consisting of cancerous lesions, precancerous lesions, cysts and warts; and permitting said composition to destroy said lesion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 12:23:20 ON 23 OCT 2006)

FILE 'CAPLUS, MEDLINE, WPIDS, USPATFULL' ENTERED AT 12:23:42 ON 23 OCT 2006

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L1      30482 S "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"
L2      1068368 S "ZINC" OR "ZINC CHLORIDE"
L3      228422 S "LECITHIN" OR "DMSO"
L4      182 S "NORDIHYDROGUIARETIC ACID"
L5      184326 S "ASCORBIC ACID"
L6      6329 S L1 AND L2
L7      96 S L6 AND LESION
L8      6 S L7 AND L4
L9      6 S L6 AND L4
L10     244277 S "ANTIOXIDANT"
L11     267 S L6 AND L10
L12     61 S L11 NOT PY>1998
L13     54 S L12 AND COMPOSITION
L14     779 S L1 AND L2 AND CHELATE
L15     64 S L14 AND L10
L16     16 S L15 NOT PY>1998
L17     884 S L1 AND L2 AND L3
L18     6 S L17 AND L4

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=> s 117 and 15

L19 225 L17 AND L5

=> s 119 not py>1998

L20 29 L19 NOT PY>1998

=> d 120 1-10 ibib, abs

L20 ANSWER 1 OF 29 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1951:54344 CAPLUS Full-text

DOCUMENT NUMBER: 45:54344

ORIGINAL REFERENCE NO.: 45:9291h-i, 9292a-i, 9293a-g

TITLE: Report of the Rubber Research Institute of Malaya for the period September 1945 to December 1948 - Chemical Division

AUTHOR(S): Philpott, M. W.

SOURCE: Report of the Rubber Research Institute of Malaya (1948), Volume Date Sep 1945-Dec 1948 191-224

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB Comparative tests of Na pectate as a creaming agent showed it to be unsatisfactory. When NH₃ is added to fresh latex, the acid number falls immediately, then increases. The combined acids do not change significantly at first, then decrease on long storage. The water-soluble acids increase on storage. This is such a variable factor that control by early ammoniation is ineffective. The ZnO-stability of latex increases on storage. EtNH₂ above 0.2% concentration and Et₂NH above 0.5% are effective preservatives of latex. X is ineffective alone at any concentration but 0.1% X + 0.1% NH₃ is an effective preservative. There is a close correlation between field dry rubber content and the dry rubber content of concentrated latex; it is difficult to obtain a cream containing 58-60% dry rubber by straight creaming. However, under newly developed conditions and creaming agent all latexes can be concentrated to 58-60%. NH₄ alginate is the best creaming agent. Though it is generally assumed that Al vessels are unsuitable for NH₃-preserved latex, tests of the corrosion by the latter indicate that the effect is not severe because of formation of a protective film. Na₂SO₃ + H₂SO₄ gives as satisfactory results as NaHSO₃ in the manufacture of sole crepe. In preliminary expts. by paper chromatography, 13 components of latex protein hydrolyzate were identified, viz., alanine, aspartic acid, glutamic acid, serine, glycine, leucine (and (or) isoleucine and phenylalanine), ornithine, arginine, and threonine, the 1st 5 in considerably higher amts. than the last 3. Histidine, tryptophan, tyrosine, aminobutyric acid, methionine, proline, hydroxyproline, and lysine were not detected. Less than 5% of the 0.1-0.2% of P in fresh latex is extracted by ether or acetone. When serum from frozen latex was dialyzed, only 6% of the serum P remained in the undialyzed portion. Hence organic P is either a small fraction of the total or the phosphorylated compds. hydrolyze rapidly when latex is tapped. Fresh latex contains a phosphatase (XVII) which strongly catalyzes the hydrolysis of Na glycerophosphate (XVIII) at pH 5.5-6.5. Acid serum from fresh latex coagulated by AcOH retains all the phosphatase activity of the original latex. The amount of XVIII hydrolyzed in a given time is approx. proportional to the enzyme concentration but not to the substrate concentration. The maximum activity is at pH 5-7; at pH 5.5-6.5 it is constant. Above pH 10, the activity is suppressed. Enzyme activity is reduced or inhibited by Zn, F, and CN ions. NH₃-preserved latex and serum from frozen latex 2 weeks old show no XVII activity. The heaviest layers after centrifuging fresh latex, i.e., the fractions rich in luteoids, contain the highest concns. of N, P, acetone-soluble substances, acids, and colored substances. To alter the course of the synthesis of rubber in the tree, agents were injected into the tree which might: (1) change the oxidation-reduction balance of the tree fluids (ferrous and ferric salts, K₂S₂O₈, ascorbic acid) or (2) sequester heavy metal ions (Na₂S, Na diethyldithiocarbamate, (XIX), thiourea (XX), 8-hydroxyquinoline (XXI), and 2,3-dimercaptopropanol). None of the differences in dry rubber content of the latex or hardness of the dry rubber before and after this treatment could be ascribed to the injected agents, nor did chemical analysis of the latex from trees injected with the Fe salts show evidence of

penetration to the latex system. The only cations which have any preservative action in latex are metals which form insol. sulfides at the pH of lightly ammoniated latex. In contrast to pentachlorophenol, neither pentachloroanisole nor hexachlorobenzene has any preservative action. 0.1% XXI + 0.1-0.2% NH₃ preserves latex for long periods, perhaps because XXI combines with traces of metals which activate enzymes or microorganisms. Among Zn dialkyldithiocarbamates, the di-Me derivative is a better preservative than the di-Et, di-Bu, and dipentamethylene derivs. Addition of ZnO to latex as soon as collected retards hydrolytic decomposition of the stabilizing system, and the latex maintains for several weeks a stability which is relatively little affected by subsequent addition of ZnO. However, latex preserved with a low concentration of NH₃ + ZnO or Zn borate becomes unstable on long storage. Hg, Cu, Cd, As, Ag, and Tl compds., which form insol. sulfides at pH 9-11, are preservatives. Latex was ammoniated (0.7%) immediately and 1, 2, and 3 hrs. after tapping, and the stability, KOH number, and free and combined acids of the EtOH extract after 10 days were determined. In 3 hrs. combined acids were liberated in an amount equivalent to 50 mg. KOH per 100 g. latex solids; 0.5 was soluble in Et₂O, 0.5 soluble in water. The later the addition of NH₃, the higher was the KOH number. The stability toward Zn decreased in 3 hrs. to 0.5 its original value. All these changes can be prevented by the prompt addition of HCHO. The dry rubber content of HCHO-preserved latex cannot be determined by the Brit. Standards Inst. method, but the results are satisfactory if 0.5-1 g. NH₄OAc or (NH₄)₂SO₄ is added to the 25-cc. sample. Though the improvement in creaming of NH₃-preserved latex by storage is supposed to result from the formation of NH₄ soaps, expts. indicate that it is attributable to the elimination of sludge. Centrifugation of fresh latex assisted creaming as effectively as undisturbed storage, so any treatment of freshly ammoniated latex which promotes or accelerates sludge separation may promote creaming. In expts. on the influence of stabilizing agents to NH₃-preserved latex, lecithin, casein, and many surface agents were ineffective, but increased mech. stability was had with soaps and Na taurocholate. NH₄ and triethanolamine soaps of capric and lauric acids were more effective than soaps of shorter- or longer-chain length. Bulking, settling, and clarification of latex aid in the production of uniform rubber, but a temporary preservative is necessary. To determine whether the ultimate quality is affected, latexes from 5 sources were coagulated, machined, and smoke-dried with no preservative, after adding 0.2% HCHO, and after adding 0.1% NH₃, and after each of these samples had been and had not been clarified by centrifugation. None of the treatments, preservative or clarification, improved the technological quality of the rubber. The rubber from the 5 sources differed most in flow when raw, less when vulcanized, and least when loaded with C black and vulcanized. Rubbers from high-yielding trees differed considerably in plasticity and properties after vulcanization. Viscosity, hardness, and gel content were closely related, but resilience after vulcanization was not related to hardness and gel content before vulcanization. Removal of 10% of low-mol.-weight components from raw rubber by extraction with C₆H₆-MeOH did not alter the phys. properties after vulcanization. Rubber from latex containing benzidine gave C black-loaded vulcanizates with abnormally high resilience (Parkinson and Blanchard, C.A. 42, 8008f). The tendency of latex to give discolored crepe is most marked at pH 3-4 and is suppressed by 0.1% NaHSO₃. Discoloration can also be prevented by certain S compds., particularly those containing an SH group, in concns. as low as 0.002% e.g., XX, thioglycolic acid, and thiomalic acid. Alkaline sulfides, mercaptobenzothiazole, glutathione, XIX, and 2,3-dimercaptopropanol are effective at higher concns. The intensity of the yellow pigment in latex is a clonal characteristic; the color cannot be destroyed by any chemical agent which leaves the rubber intact, and it can be minimized only by fractional coagulation. Glycolic acid is 15-20% more efficient than HCHO as a coagulant, but unless used in excess, it forms a bubbly sheet. The technological properties of the rubber are normal. In expts. with protein

precipitants and tanning agents added to latex, abnormally rapid drying of the rubber was obtained with HCHO and urea, but not with phosphotungstic, sulfosalicylic, tannic, and picric acids. ZnSO₄ or Pb(OAc)₂ (0.25% on the rubber) reduced drying in air from 8 to 5 days, and ZnSO₄ + HCHO from 10 to 4 days. To accelerate coagulation of latex, various soaps were tried (cf. Brit. patent 537,645). Contrary to the literature (Newton, et al., C.A. 41, 6748g), ricinoleic acid soaps are not particularly good accelerators. Coagulation was accelerated by certain synthetic detergents (Na dodecyl sulfate, Santomerse-B, and Teepol), but they were less effective than NH₄ oleate and NH₄ laurate. Latex can be coagulated in 2 min. in factory practice by any of the following combinations of soap, AcOH, HCHO, H₂SO₄, and CaCl₂, resp. (parts per 1000 parts dry rubber): 10, 10, -, -, -; 8.4, -, 5, -, -; 6.7, -, -, 5, -; 6.7, -, -, -, 20; 6.7, 3.3, -, -, 3.3; 6.7, -, 2.7, -, 3.3; 6.7, -, -, 2.4, 3.8.

L20 ANSWER 2 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:153855 USPATFULL Full-text
 TITLE: Marine mela gene
 INVENTOR(S): Weiner, Ronald M., Adelphi, MD, United States
 Fuqua, Jr., William Claiborne, San Antonio, TX, United States
 PATENT ASSIGNEE(S): University of Maryland, College Park, MD, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5846531		19981208
APPLICATION INFO.:	US 1995-476254		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-148945, filed on 8 Nov 1993, now patented, Pat. No. US 5474933 which is a continuation-in-part of Ser. No. US 1992-974837, filed on 10 Nov 1992, now abandoned which is a continuation of Ser. No. US 1990-496804, filed on 21 Mar 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Patterson, Jr., Charles L.		
LEGAL REPRESENTATIVE:	Nikaido Marmelstein Murray & Oram LLP		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	35 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	2865		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

AB The present invention provides the isolated genes encoding marine mela from the genus *Shewanella*, especially from the species *S. colwelliana*, and the Mela encoded thereby in homogeneous form. Further, the invention provides antibodies to marine Mela as well as methods of using the Mela to induce oyster larval settlement. Moreover, these marine mela genes are also useful as selectable markers for genetic engineering.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 3 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:147061 USPATFULL Full-text
 TITLE: Self-binding shearform compositions
 INVENTOR(S): Raiden, Michael G., Fairfax, VA, United States
 Sanghvi, Pradeepkumar P., Herndon, VA, United States
 Misra, Tushar K., Leesburg, VA, United States
 Currington, Jeffery W., Winchester, VA, United States

PATENT ASSIGNEE(S): Kamath, Satish V., Centreville, VA, United States
Pankhania, Mahendra Govind, Nottingham, England
Fuisz Technologies Ltd., Chantilly, VA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5840334		19981124
APPLICATION INFO.:	US 1997-915068		19970820 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Page, Thurman K.		
ASSISTANT EXAMINER:	Channavajjala, Lakshmi S.		
LEGAL REPRESENTATIVE:	Nolan, Sandra M.		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
LINE COUNT:	964		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Shearform compositions made without added glycerine are disclosed. The compositions are self-binding and exhibit excellent cohesivity when used in tableting compositions. Typically, xylitol is incorporated into a feedstock which is flash-flow processed to form a self-binding shearform matrix.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:65227 USPATFULL Full-text
TITLE: Kappa agonist compounds pharmaceutical formulations and method of prevention and treatment of pruritus therewith

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States
Chang, An-Chih, Bensalem, PA, United States
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States
Farrar, John J., Chester Springs, PA, United States
Gaul, Forrest, Douglassville, PA, United States
Kumar, Virendra, Paoli, PA, United States
Marella, Michael Anthony, Philadelphia, PA, United States
Maycock, Alan L., Malvern, PA, United States
Zhang, Wei Yuan, Collegeville, PA, United States
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5763445		19980609
APPLICATION INFO.:	US 1997-891833		19970714 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKane, Joseph		
LEGAL REPRESENTATIVE:	Balogh, Imre		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4965		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics and anti-pruritic agents are provided.

The compounds of formular I, II, III and IV have the structure: ##STR1## wherein X, X.sub.4, X.sub.5, X.sub.7, X.sub.9 ;

R.sub.1, R.sub.2, R.sub.3, R.sub.4 ; and

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 5 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:45193 USPATFULL Full-text

TITLE: Kappa agonist compounds and pharmaceutical formulations thereof

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States
Chang, An-Chih, Phoenixville, PA, United States
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States
Farrar, John J., Chester Springs, PA, United States
Gaul, Forrest, Glen Moore, PA, United States
Kumar, Virendra, Paoli, PA, United States
Marella, Michael Anthony, Exton, PA, United States
Maycock, Alan L., Malvern, PA, United States
Zhang, Wei Yuan, Collegeville, PA, United States
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5744458		19980428
APPLICATION INFO.:	US 1997-899086		19970723 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKane, Joseph		
LEGAL REPRESENTATIVE:	Balogh, Imre		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4618		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics are provided.

The compound of formula II has the structure: ##STR1## wherein X.sub.4, X.sub.5 ;

R.sub.1, R.sub.2 ; and

Ar and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 6 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:6772 USPATFULL Full-text
TITLE: Compositions comprising a radical scavenging compound
and an anti-inflammatory agent
INVENTOR(S): Bissett, Donald Lynn, Hamilton, OH, United States
Bush, Rodney Dean, Cincinnati, OH, United States
Chatterjee, Ranjit, Fairfield, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5709847		19980120
APPLICATION INFO.:	US 1996-744891		19961108 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-543945, filed on 26 Jun 1990, now abandoned which is a division of Ser. No. US 1989-346435, filed on 26 Jun 1989, now patented, Pat. No. US 4954332, issued on 4 Sep 1990 which is a division of Ser. No. US 1987-112575, filed on 22 Oct 1987, now patented, Pat. No. US 4847017, issued on 11 Jul 1989		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Dodson, Shelley A.		
LEGAL REPRESENTATIVE:	Graff, IV, Milton B., Howell, John M., Henderson, Loretta J.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2065		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are pharmaceutical compositions comprising a radical scavenging agent and an anti-inflammatory agent which are useful for topical application to prevent damage to skin caused by acute or chronic UV exposure. Combinations of a radical scavenging agent, an anti-inflammatory agent, and a sunscreen are also disclosed.

Also disclosed is a method for using these compositions topically to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 7 OF 29 USPATFULL on STN

ACCESSION NUMBER: 97:115319 USPATFULL Full-text
TITLE: Substituted phenoxyethylphenyl derivatives, their
preparation and their use for controlling pests and
fungi
INVENTOR(S): Kirstgen, Reinhard, Neustadt, Germany, Federal Republic
of
Oberdorf, Klaus, Heidelberg, Germany, Federal Republic
of
Sauter, Hubert, Mannheim, Germany, Federal Republic of

Bayer, Herbert, Mannheim, Germany, Federal Republic of
Grammenos, Wassilios, Ludwigshafen, Germany, Federal
Republic of
Rang, Harald, Altrip, Germany, Federal Republic of
Harries, Volker, Frankenthal, Germany, Federal Republic
of
Lorenz, Gisela, Hambach, Germany, Federal Republic of
Ammermann, Eberhard, Heppenheim, Germany, Federal
Republic of

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal
Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5696161		19971209
APPLICATION INFO.:	US 1996-645428		19960513 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-409039, filed on 23 Mar 1995, now patented, Pat. No. US 5545664		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1994-4410424	19940325
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	McKane, Joseph	
LEGAL REPRESENTATIVE:	Keil & Weinkauff	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2821	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Substituted phenoxyethylphenyl derivatives I ##STR1## X is .dbd.CH--
OCH.sub.3, .dbd.CH--CH.sub.3 or .dbd.N--OCH.sub.3 ; R.sup.1 is, inter alia,

R.sup.2 and R.sup.3 are, inter alia,

H, halogen, CN, NO.sub.2, C.sub.1 -C.sub.4 -alkyl, C.sub.1 -C.sub.2 -
haloalkyl, C.sub.1 -C.sub.4 -alkoxy or C.sub.1 -C.sub.2 -haloalkoxy;

R.sup.4 is, inter alia,

CN, Cl, Br, C.sub.1 -C.sub.6 -alkoxy, C.sub.1 -C.sub.6 -alkylthio or C.sub.1 -
C.sub.4 -haloalkoxy;

R.sup.5 is, inter alia,

NO.sub.2, CN, halogen, C.sub.1 -C.sub.4 -alkyl, C.sub.1 -C.sub.4 -haloalkyl,
C.sub.1 -C.sub.4 -alkoxy or C.sub.1 -C.sub.4 -haloalkoxy;

n is 0-4; Y is --O--, --NH--, --N(CH.sub.3)--; R.sup.6 is H, C.sub.1 -
C.sub.4 -alkyl.

The compounds are useful for controlling pests and fungi.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 8 OF 29 USPATFULL on STN

ACCESSION NUMBER: 97:107236 USPATFULL Full-text

TITLE: Kappa agonist compounds and pharmaceutical formulations thereof

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States
Chang, An-Chih, Phoenixville, PA, United States
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States
Farrar, John J., Chester Springs, PA, United States
Gaul, Forrest, Glen Moore, PA, United States
Kumar, Virendra, Paoli, PA, United States
Marella, Michael Anthony, Exton, PA, United States
Maycock, Alan L., Malvern, PA, United States
Zhang, Wei Yuan, Collegeville, PA, United States
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5688955		19971118
APPLICATION INFO.:	US 1997-796078		19970205 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKane, Joseph		
LEGAL REPRESENTATIVE:	Balogh, Imre		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4645		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics are provided.

The compounds of formulae I, II, III and IV have the structure: ##STR1## wherein X, X.sub.4, X.sub.5, X.sub.7, X.sub.9 ;

R.sub.1, R.sub.2, R.sub.3, R.sub.4 ; and

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 9 OF 29 USPATFULL on STN

ACCESSION NUMBER: 97:70725 USPATFULL Full-text

TITLE: Water-in-oil-in-water compositions

INVENTOR(S): Herb, Craig A., Chicago, IL, United States
Chen, Liang Bin, Hoffman Estates, IL, United States
Chung, Judy, Glenview, IL, United States
Long, Michelle A., Lombard, IL, United States
Sun, Wei Mei, Palatine, IL, United States
Newell, Gerald P., Hoffman Estates, IL, United States

Evans, Trefor A., Lombard, IL, United States
 Kamis, Kimberly, Glenview, IL, United States
 Brucks, Richard M., Chicago, IL, United States
 PATENT ASSIGNEE(S): Helene Curtis, Inc., Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5656280		19970812
APPLICATION INFO.:	US 1994-349904		19941206 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lovering, Richard D.		
LEGAL REPRESENTATIVE:	Marshall, O'Toole, Gerstein, Murray & Borun		
NUMBER OF CLAIMS:	55		
EXEMPLARY CLAIM:	1,2,14		
LINE COUNT:	2799		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Water-in-oil-in-water multiple emulsion compositions are disclosed. The multiple emulsion compositions comprise an external aqueous phase optionally incorporating a surfactant system capable of forming liquid crystals as an emulsifier. The internal phase comprises a primary water-in-oil emulsion, wherein the primary emulsion comprises a first topically-active compound, a surfactant phase, an oil phase, and water.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 10 OF 29 USPATFULL on STN

ACCESSION NUMBER: 96:120594 USPATFULL Full-text
 TITLE: Rinse-off water-in-oil-in-water compositions
 INVENTOR(S): Herb, Craig A., Chicago, IL, United States
 Chen, Liang B., Hoffman Estates, IL, United States
 Chung, Judy B., Glenview, IL, United States
 Long, Michelle A., Lombard, IL, United States
 Sun, Wei M., Palatine, IL, United States
 Newell, Gerald P., Hoffman Estates, IL, United States
 Kamis, Kimberly, Glenview, IL, United States
 Brucks, Richard M., Chicago, IL, United States
 PATENT ASSIGNEE(S): Helene Curtis, Inc., Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5589177		19961231
APPLICATION INFO.:	US 1994-349963		19941206 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bleutge, John C.		
ASSISTANT EXAMINER:	Harrison, Robert H.		
LEGAL REPRESENTATIVE:	Marshall, O'Toole, Gerstein, Murray & Borun		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2917		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Rinse-off, water-in-oil-in-water multiple emulsion compositions are disclosed. The multiple emulsion compositions comprise an external aqueous phase optionally incorporating an emulsifier and/or a second topically-active compound. The internal phase comprises a primary water-in-oil

emulsion, wherein the primary emulsion comprises a first topically-active compound, a surfactant phase, an oil phase, and water.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:23:20 ON 23 OCT 2006)

FILE 'CAPLUS, MEDLINE, WPIDS, USPATFULL' ENTERED AT 12:23:42 ON 23 OCT 2006

L1 30482 S "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"
L2 1068368 S "ZINC" OR "ZINC CHLORIDE"
L3 228422 S "LECITHIN" OR "DMSO"
L4 182 S "NORDIHYDROGUIARETIC ACID"
L5 184326 S "ASCORBIC ACID"
L6 6329 S L1 AND L2
L7 96 S L6 AND LESION
L8 6 S L7 AND L4
L9 6 S L6 AND L4
L10 244277 S "ANTIOXIDANT"
L11 267 S L6 AND L10
L12 61 S L11 NOT PY>1998
L13 54 S L12 AND COMPOSITION
L14 779 S L1 AND L2 AND CHELATE
L15 64 S L14 AND L10
L16 16 S L15 NOT PY>1998
L17 884 S L1 AND L2 AND L3
L18 6 S L17 AND L4
L19 225 S L17 AND L5
L20 29 S L19 NOT PY>1998

=> d 120 11-29 ibib, abs

L20 ANSWER 11 OF 29 USPATFULL on STN

ACCESSION NUMBER: 96:72912 USPATFULL Full-text

TITLE: Substituted phenoxyethylphenyl derivatives, their preparation and their use for controlling pests and fungi

INVENTOR(S): Kirstgen, Reinhard, Neustadt, Germany, Federal Republic of
Oberdorf, Klaus, Heidelberg, Germany, Federal Republic of
Sauter, Hubert, Mannheim, Germany, Federal Republic of
Bayer, Herbert, Mannheim, Germany, Federal Republic of
Grammenos, Wassilios, Ludwigshafen, Germany, Federal Republic of
Rang, Harald, Altrip, Germany, Federal Republic of
Harries, Volker, Frankenthal, Germany, Federal Republic of
Lorenz, Gisela, Hambach, Germany, Federal Republic of
Ammermann, Eberhard, Heppenheim, Germany, Federal Republic of
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5545664 19960813
APPLICATION INFO.: US 1995-409039 19950323 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1994-4410424	19940325
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Richter, Johann	
LEGAL REPRESENTATIVE:	Keil & Weinkauff	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2983	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Substituted phenoxyethylphenyl derivatives I ##STR1## X is .dbd.CH--OCH.sub.3, .dbd.C--CH.sub.3 or .dbd.N--OCH.sub.3 ; R.sup.1 is, inter alia,

R.sup.2 and R.sup.3 are, inter alia,

H, halogen, CN, NO.sub.2, C.sub.1 -C.sub.4 -alkyl, C.sub.1 -C.sub.2 -haloalkyl, C.sub.1 -C.sub.4 -alkoxy or C.sub.1 --C.sub.2 -haloalkoxy;

R.sup.4 is, inter alia,

CN, Cl, Br, C.sub.1 -C.sub.6 -alkoxy, C.sub.1 -C.sub.6 -alkylthio or C.sub.1 -C.sub.4 -haloalkoxy;

R.sup.5 is, inter alia,

NO.sub.2, CN, halogen, C.sub.1 -C.sub.4 -alkyl, C.sub.1 -C.sub.4 -haloalkyl, C.sub.1 -C.sub.4 -alkoxy or C.sub.1 -C.sub.4 -haloalkoxy;

n is 0-4; Y is --O--, --NH--, --N(CH.sub.3)--; R.sup.6 is H, C.sub.1 -C.sub.4 -alkyl.

The compounds are useful for controlling pests and fungi.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 12 OF 29 USPATFULL on STN

ACCESSION NUMBER: 96:43387 USPATFULL Full-text
TITLE: Biodegradable controlled release flash flow melt-spun delivery system
INVENTOR(S): Fuisz, Richard C., Great Falls, VA, United States
PATENT ASSIGNEE(S): Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5518730		19960521
APPLICATION INFO.:	US 1992-893238		19920603 (7)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Webman, Edward J.
LEGAL REPRESENTATIVE: Hoffmann & Baron
NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 1072

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Biodegradable controlled release delivery systems using melt-spun biodegradable polymers as carriers for bio-effecting agents such as pharmaceutical actives are disclosed. Oral dosage forms as well as implants are described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 13 OF 29 USPATFULL on STN

ACCESSION NUMBER: 95:49727 USPATFULL Full-text
TITLE: Abatement process for contaminants
INVENTOR(S): Grawe, John, 6726 General Diaz St., New Orleans, LA,
United States 70124

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5421897		19950606
APPLICATION INFO.:	US 1992-914386		19920717 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Springer, David B.		
LEGAL REPRESENTATIVE:	Foley & Lardner		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2098		

AB A process for removing a contaminant from a surface. In the first step of this process, a liquid-state composition is applied to a surface comprising a contaminant. Next, the liquid-state composition is allowed to solidify into a solid-state matrix comprising the contaminant, thereby sequestering the contaminant. Finally, the solid-state matrix is removed from the surface, thereby decontaminating the surface. Also provided is a process for cleaning up a contaminant-containing spill in which a liquid-state composition is applied to the spill, physically mixed with the spill, and allowed to form a solid-state matrix. The matrix is then removed, thereby cleaning up the spill. A further process is provided for detecting a contaminant in a surface or spill, in which a contaminant-detecting compound is applied to a surface or spill and is allowed to react with the contaminant to produce a detectable change, thereby detecting the contaminant. A further process is provided for mitigating the toxicity of a contaminant in a surface or spill, in which a toxicity-mitigating compound is applied to a surface or spill and allowed to react with the contaminant to form a compound which is less toxic than the contaminant. Also disclosed is a process for accelerating the formation of a solid-state matrix from a liquid-state composition. In this process, a composition comprising a chemical drying agent is applied to the liquid-state composition.

L20 ANSWER 14 OF 29 USPATFULL on STN

ACCESSION NUMBER: 95:7681 USPATFULL Full-text

TITLE: Photoprotection compositions comprising a radical scavenging compound and an anti-inflammatory agent
 INVENTOR(S): Bissett, Donald L., Hamilton, OH, United States
 Bush, Rodney D., Cincinnati, OH, United States
 Chatterjee, Ranjit, Fairfield, OH, United States
 PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5384115		19950124
APPLICATION INFO.:	US 1993-110028		19930820 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1990-543945, filed on 26 Jun 1990 which is a division of Ser. No. US 1989-346435, filed on 26 Jun 1989, now patented, Pat. No. US 4954332, issued on 4 Sep 1990 which is a division of Ser. No. US 1987-112575, filed on 22 Oct 1987, now patented, Pat. No. US 4847017, issued on 11 Jul 1989		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Howell, John M., Graff, IV, Milton B.		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2011		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are photoprotective compositions comprising a radical scavenging agent and an anti-inflammatory agent which are useful for topical application to prevent damage to skin caused by acute or chronic UV exposure. Combinations of a radical scavenging agent, an anti-inflammatory agent, and a sunscreen are also disclosed.

Also disclosed is a method for using these compositions topically to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 15 OF 29 USPATFULL on STN
 ACCESSION NUMBER: 94:112916 USPATFULL Full-text
 TITLE: Use of phenol derivative in colorimetric analysis of metal ions
 INVENTOR(S): Tokuda, Kuniaki, Kawagoe, Japan
 Soma, Taeko, Kawagoe, Japan
 Teno, Naoki, Kawagoe, Japan
 PATENT ASSIGNEE(S): Wako Pure Chemical Industries, Ltd., Osaka, Japan
 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5376552		19941227
APPLICATION INFO.:	US 1992-970643		19921102 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-623632, filed on 6 Dec 1990, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-318285	19891207
DOCUMENT TYPE:	Utility	

FILE SEGMENT: Granted
PRIMARY EXAMINER: Snay, Jeffrey R.
LEGAL REPRESENTATIVE: Armstrong, Westerman, Hattori, McLeland & Naughton
NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 7 Drawing Page(s)
LINE COUNT: 638

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A phenol derivative obtained by reacting a carboxylic acid anhydride with a phenol compound, followed by condensation with iminodiacetic acid and formaldehyde, or a salt thereof is effective as an agent for adjusting color forming sensitivity in a colorimetric analysis of metal ions in a fluid such as a living body fluid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 16 OF 29 USPATFULL on STN

ACCESSION NUMBER: 94:92025 USPATFULL Full-text
TITLE: Flexible protective medical gloves and methods for their use
INVENTOR(S): Dresdner, Jr., Karl P., 235 W. 48th St., Apt. #18N, New York City, NY, United States 10036
Dangman, Kenneth H., 400 Riverside Dr., Apt. #1A, New York City, NY, United States 10032
Jazlowiecki, Edward A., 15 Sachems Trail, West Simsbury, CT, United States 06092

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5357636		19941025
APPLICATION INFO.:	US 1992-906829		19920630 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Crowder, Clifford D.		
ASSISTANT EXAMINER:	Vanatta, Amy B.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	4898		

AB A flexible protective medical glove containing a non-liquid antiseptic composition and methods for its use are disclosed. The glove comprises a thin inner layer and a thin outer layer of material; preferably the outer layer is a more elastic and less plastic layer than the inner layer. A compartment between the layers of the glove is capable of providing a non-liquid antiseptic composition which comprises an antiseptic in a non-liquid composition. The non-liquid antiseptic composition may also contain a surface-active agent, an algescic agent, a colorant, a vasoconstrictive agent, an odorant, or a viscosity-modifying agent. An object puncturing the glove wall can become coated with the non-liquid antiseptic composition and can automatically transfer some of the antiseptic composition from the glove onto the hand and into a hand wound should the object cause a wound; useful as an immediate preventative antiseptic treatment to help to decontaminate the hand and hand wound of infectious pathogens that may have been transferred there by the object. The treatment can help to protect a gloved individual such as a surgeon, a medical doctor, a health care worker, a law enforcement officer, a dentist or any worker whose work may place them at some risk of becoming contaminated through the hands by an infectious pathogen including the AIDS virus or hepatitis B virus.

L20 ANSWER 17 OF 29 USPATFULL on STN

ACCESSION NUMBER: 94:35363 USPATFULL Full-text
TITLE: Suncare compositions
INVENTOR(S): Robinson, Larry R., Oxford, CT, United States
Rinaldi, Marie A., Hamden, CT, United States
Gupte, Anil J., Seymour, CT, United States
PATENT ASSIGNEE(S): Richardson-Vicks Inc., Shelton, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5306485		19940426
APPLICATION INFO.:	US 1993-16341		19930211 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-696817, filed on 7 May 1991, now patented, Pat. No. US 5207998		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Sabatelli, Anthony D., Dabbieri, David K.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	978		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are sunscare compositions having enhanced substantivity, efficacy and the like for protecting the skin from the harmful effects of ultraviolet irradiation, such as sunburn and sun-induced premature aging of the skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 18 OF 29 USPATFULL on STN

ACCESSION NUMBER: 93:44243 USPATFULL Full-text
TITLE: Substituted ethylene imidazole and triazoles
INVENTOR(S): Miller, George A., Maple Glen, PA, United States
Chan, Hak-Foon, Walnut Creek, CA, United States
PATENT ASSIGNEE(S): Rohm and Haas Company, Philadelphia, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5216007		19930601
APPLICATION INFO.:	US 1992-823041		19920115 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1980-307414, filed on 1 Oct 1980, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Morris, Patricia L.		
LEGAL REPRESENTATIVE:	Morris, Terry B.		
NUMBER OF CLAIMS:	5		
EXEMPLARY CLAIM:	4		
LINE COUNT:	837		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to substituted ethylenic imidazoles and triazoles, their enantiomorphs, acid addition salts and metal complexes as well as their methods of preparation and use as broad spectrum systemic fungicides useful in controlling phytopathogenic fungi such as barley net blotch (*Helminthosporium teres*), bean powdery mildew (*Erysiphe polygoni*), peanut

cercospora (*Cercospora arachidicola*), and wheat stem rust (*Puccinia graminis* f. sp. tritici race 15B-2).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 19 OF 29 USPATFULL on STN

ACCESSION NUMBER: 93:35451 USPATFULL Full-text
TITLE: Suncare compositions
INVENTOR(S): Robinson, Larry R., Oxford, CT, United States
Rinaldi, Marie A., Hamden, CT, United States
Gupte, Anil J., Seymour, CT, United States
PATENT ASSIGNEE(S): Richardson-Vicks Inc., Shelton, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5207998		19930504
APPLICATION INFO.:	US 1991-696817		19910507 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Sabatelli, Anthony D., Dabbieri, David K., Goldstein, Steven J.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	958		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are sunscare compositions having enhanced substantivity, efficacy and the like for protecting the skin from the harmful effects of ultraviolet irradiation, such as sunburn and sun-induced premature aging of the skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 20 OF 29 USPATFULL on STN

ACCESSION NUMBER: 91:64670 USPATFULL Full-text
TITLE: Photoprotection compositions and methods comprising sorbohydroxamic acid
INVENTOR(S): Chatterjee, Ranjit U., Fairfield, OH, United States
Kirchner, Stephen J., Madison, CT, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5039513		19910813
APPLICATION INFO.:	US 1989-398808		19890825 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1987-112577, filed on 22 Oct 1987, now patented, Pat. No. US 4869897		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Graff, IV, Milton B., Hatfield, Gretchen R., Goldstein, Steven J.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2127		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are topical compositions comprising sorbohydroxamic acid with a radical scavenging compound which prevent damage to skin caused UV radiation. Also disclosed is a method for using these compositions topically, to prevent damage to skin caused by UV radiation exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 21 OF 29 USPATFULL on STN

ACCESSION NUMBER: 90:69560 USPATFULL Full-text
TITLE: Photoprotection compositions comprising tocopherol sorbate and an anti-inflammatory agent
INVENTOR(S): Bissett, Donald L., Hamilton, OH, United States
Bush, Rodney D., Cincinnati, OH, United States
Chatterjee, Ranjit, Fairfield, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4954332		19900904
APPLICATION INFO.:	US 1989-346435		19890626 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1987-112575, filed on 22 Oct 1987, now patented, Pat. No. US 4847071		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Graff, IV, Milton B., Hatfield, Gretchen R., Goldstein, Steven J.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2022		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are pharmaceutical compositions comprising tocopherol sorbate and an anti-inflammatory agent which are useful for topical application to prevent damage to skin caused by acute or chronic UV exposure. Combinations of tocopherol sorbate, an anti-inflammatory agent, and a sunscreen are also disclosed.

Also disclosed is a method for using these compositions topically to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 22 OF 29 USPATFULL on STN

ACCESSION NUMBER: 90:61231 USPATFULL Full-text
TITLE: Photoprotection compositions comprising sorbohydroxamic acid and an anti-inflammatory agent
INVENTOR(S): Bissett, Donald L., Hamilton, OH, United States
Chatterjee, Ranjit, Fairfield, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4946671		19900807
APPLICATION INFO.:	US 1989-346046		19890502 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1987-112588, filed on 22 Oct		

1987, now patented, Pat. No. US 4847069
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ore, Dale R.
LEGAL REPRESENTATIVE: Graff, IV, Milton B., Hatfield, Gretchen R., Goldstein,
Steven J.
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
LINE COUNT: 2149

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are pharmaceutical compositions comprising sorbohydroxamic acid, or pharmaceutically-acceptable salts thereof; and an anti-inflammatory agent, which are useful for topical application to prevent damage to skin caused by acute or chronic UV exposure. Combinations of sorbohydroxamic acid and an anti-inflammatory agent together with tocopherol sorbate and/or sunscreens are also disclosed.

Also disclosed is a method for using these compositions topically to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 23 OF 29 USPATFULL on STN

ACCESSION NUMBER: 89:80613 USPATFULL Full-text
TITLE: Photoprotection compositions comprising sorbohydroxamic acid
INVENTOR(S): Chatterjee, Ranjit, Fairfield, OH, United States
Kirchner, Stephen J., Madison, CT, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4869897		19890926
APPLICATION INFO.:	US 1987-112577		19871022 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Graff, IV, Milton B., Hatfield, Gretchen R., Goldstein, Steven J.		
NUMBER OF CLAIMS:	23		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2177		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are pharmaceutical compositions comprising sorbohydroxamic acid, or pharmaceutically-acceptable salts thereof, which are useful for topical application to prevent damage to skin caused by acute or chronic UV exposure. Combinations of sorbohydroxamic acid together with tocopherol sorbate and/or sunscreens are also disclosed.

Also disclosed is a method for using these compositions topically, prior to UV exposure, to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 24 OF 29 USPATFULL on STN

ACCESSION NUMBER: 89:56222 USPATFULL Full-text
TITLE: Photoprotection compositions comprising tocopherol sorbate
INVENTOR(S): Bissett, Donald L., Hamilton, OH, United States
Bush, Rodney D., Cincinnati, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4847072		19890711
APPLICATION INFO.:	US 1987-112574		19871022 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schofer, Joseph L.		
ASSISTANT EXAMINER:	Smith, Jeffrey T.		
LEGAL REPRESENTATIVE:	Graff, IV, Milton B., Hatfield, Gretchen R., Goldstein, Steven J.		
NUMBER OF CLAIMS:	40		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2063		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are pharmaceutical compositions comprising tocopherol sorbate which are useful for topical application to prevent damage to skin caused by acute or chronic UV exposure. Combinations of tocopherol sorbate and sunscreens agents are also disclosed.

Also disclosed is a method for using these compositions topically, to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 25 OF 29 USPATFULL on STN

ACCESSION NUMBER: 89:56221 USPATFULL Full-text
TITLE: Photoprotection compositions comprising tocopherol sorbate and an anti-inflammatory agent
INVENTOR(S): Bissett, Donald L., Hamilton, OH, United States
Bush, Rodney D., Cincinnati, OH, United States
Chatterjee, Ranjit, Fairfield, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4847071		19890711
APPLICATION INFO.:	US 1987-112575		19871022 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Graff, IV, Milton B., Hatfield, Gretchen R., Goldstein, Steven J.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1977		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are pharmaceutical compositions comprising tocopherol sorbate and an anti-inflammatory agent which are useful for topical application to

prevent damage to skin caused by acute or chronic UV exposure. Combinations of tocopherol sorbate, an anti-inflammatory agent, and a sunscreen are also disclosed.

Also disclosed is a method for using these compositions topically to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 26 OF 29 USPATFULL on STN

ACCESSION NUMBER: 89:56219 USPATFULL Full-text
TITLE: Photoprotection compositions comprising sorbohydroxamic acid and an anti-inflammatory agent
INVENTOR(S): Bissett, Donald Lynn, Hamilton, OH, United States
Chatterjee, Ranjit, Fairfield, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4847069		19890711
APPLICATION INFO.:	US 1987-112588		19871022 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ore, Dale R.		
LEGAL REPRESENTATIVE:	Graff, IV, Milton B., Hatfield, Gretchen R., Goldstein, Steven J.		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2128		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are pharmaceutical compositions comprising sorbohydroxamic acid, or pharmaceutically-acceptable salts thereof, and an anti-inflammatory agent, which are useful for topical application to prevent damage to skin caused by acute or chronic UV exposure. Combinations of sorbohydroxamic acid and an anti-inflammatory agent together with tocopherol sorbate and/or sunscreens are also disclosed.

Also disclosed is a method for using these compositions topically to prevent damage to skin caused by acute or chronic UV exposure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 27 OF 29 USPATFULL on STN

ACCESSION NUMBER: 87:45118 USPATFULL Full-text
TITLE: Substituted azoylmethylarylsulfides and derivatives and pesticidal use thereof
INVENTOR(S): Chan, Hak-Foon, Doylestown, PA, United States
PATENT ASSIGNEE(S): Rohm and Haas Company, Philadelphia, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4675316		19870623
APPLICATION INFO.:	US 1978-885237		19780310 (5)
DOCUMENT TYPE:	Utility		

FILE SEGMENT: Granted
PRIMARY EXAMINER: Raymond, Richard L.
LEGAL REPRESENTATIVE: Ramstad, Polly E.
NUMBER OF CLAIMS: 31
EXEMPLARY CLAIM: 1,30
LINE COUNT: 1098

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to substituted azoymethylarylsulfides, sulfoxides and sulfones, their agronomically acceptable acid addition salts, their method of preparation and their pesticidal use, especially their use as highly active fungicides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 28 OF 29 USPATFULL on STN

ACCESSION NUMBER: 84:18682 USPATFULL Full-text
TITLE: Tricyclic derivatives of substituted pyrrole acids as analgesic and anti-inflammatory agents
INVENTOR(S): Doherty, James B., New Milford, NJ, United States
Dorn, Conrad P., Plainfield, NJ, United States
Witzel, Bruce E., Westfield, NJ, United States
Allison, Debra L., Scotch Plains, NJ, United States
Shen, Tsung-Ying, Westfield, NJ, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4440779		19840403
APPLICATION INFO.:	US 1982-385232		19820604 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1981-279140, filed on 30 Jun 1981, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bond, Robert T.		
LEGAL REPRESENTATIVE:	Cheng, Theresa Y., Monaco, Mario A.		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1,9		
LINE COUNT:	2423		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Tricyclic derivatives of substituted pyrrole acids, e.g., substituted 4,10-dihydro-10-oxo-1H-[1]benzoxepino[4,3-b]pyrrole-2-acetic acids or the 5-thia analogs thereof have been prepared via hydrolysis of a precursor or decarboxylation of a precursor-diacid. These tricyclic compounds are found to have high analgesic and anti-inflammatory activities but low ulcerogenic side effects.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 29 OF 29 USPATFULL on STN

ACCESSION NUMBER: 83:25112 USPATFULL Full-text
TITLE: 1-(α -n-Butylthio-2,4-dichlorophenethyl)imidazol-3-yl and fungicidal use thereof
INVENTOR(S): Miller, George A., Maple Glen, PA, United States
PATENT ASSIGNEE(S): Rohm and Haas Company, Philadelphia, PA, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 4389409 19830621
APPLICATION INFO.: US 1977-779211 19770318 (5)
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Raymond, Richard
LEGAL REPRESENTATIVE: Ramstad, Polly E.
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1,3
LINE COUNT: 479

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to thiophenethyl imidazoles and triazoles and their acid addition salts. This invention also relates to their preparation and their use as broad spectrum phytopathogenic fungicides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 12:23:20 ON 23 OCT 2006)

FILE 'CAPLUS, MEDLINE, WPIDS, USPATFULL' ENTERED AT 12:23:42 ON 23 OCT 2006

L1 30482 S "8-HYDROXYQUINOLINE" OR "8-QUINOLINOL" OR "OXINE"
L2 1068368 S "ZINC" OR "ZINC CHLORIDE"
L3 228422 S "LECITHIN" OR "DMSO"
L4 182 S "NORDIHYDROGUIARETIC ACID"
L5 184326 S "ASCORBIC ACID"
L6 6329 S L1 AND L2
L7 96 S L6 AND LESION
L8 6 S L7 AND L4
L9 6 S L6 AND L4
L10 244277 S "ANTIOXIDANT"
L11 267 S L6 AND L10
L12 61 S L11 NOT PY>1998
L13 54 S L12 AND COMPOSITION
L14 779 S L1 AND L2 AND CHELATE
L15 64 S L14 AND L10
L16 16 S L15 NOT PY>1998
L17 884 S L1 AND L2 AND L3
L18 6 S L17 AND L4
L19 225 S L17 AND L5
L20 29 S L19 NOT PY>1998

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---Logging off of STN---